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Having worked as a software developer since 2004 and remotely since 2010, I appreciate results-oriented teams with highly efficient processes. While development processes and ceremonies are important to achieve team goals, I believe the team should focus on the outcome that provides real value to the end users.

I prefer working on challenging projects with cutting-edge technology stack to solve real-world problems and make user's lives easier. Having team management experience, I also prefer to write real code by myself.

Starting a project from scratch and delivering functionality that helps real users in a short time motivates me a lot.

Key Values

- **Work from home:** less commute - more output
- **Startup culture:** less ceremony - more results, fast fail, earlier pivot
- **Results-oriented work:** less meetings - more output
- **Working software better** than detailed documents and plans
- **Automate** as much as possible

Preferred Stack

- Backend: Node, .NET
- Frontend: React, Next.js, Tailwind
- DevOps: Github
- Cloud: Azure, AWS, Yandex Cloud

Other

- Working remotely since 2010
- Open source contributor
- 10 years of experience of teaching software development disciplines at the university (as a hobby)

Work Experience

Lead/Senior Full-Stack Software Developer — Ventra Go

May 2023 — present

Responsibilities

- As a Lead
 - Interact with internal customers, gather requirements and create/maintain backlog
 - Running the daily development process: planning, daily SCRUM, release
 - Mentor team members
 - Help team members grow as professionals within the team
- As a Developer
 - Designing the architecture, defining the key principles of the software
 - Develop backend code
 - Develop frontend code
 - Develop unit, integration and e2e tests
 - Code review
 - Support DevOps infrastructure
 - Support high service availability

Key Skills

- Backend: Node, Moleculer JS, Postgre SQL, Redis, Kafka, S3, TypeScript
- Frontend: Vue, React, TypeScript
- Tests: Vitest, Playwright
- DevOps: Jira, Kubernetes, Docker, Jenkins, Github Actions
- Cloud Native: SberCloud

Achievements

- **Set up a new development team** with a clear process for working on business tasks
- **Introduced culture of descriptive Pull Requests and automated process for publishing Release Notes** to customer Slack channel
- **Implemented company code generation tool** that speeds up the development workflow and improves the developer experience for the most of typical tasks, helping junior team members to easily implement complex scenarios
- **Implemented from scratch a business partner solution** that simplifies working with external partners and make it easy to join new businesses as a partner
- **Implemented scalable, fully distributed system of background job system** that supports application business processes, making background jobs more flexible, simple, reliable and easy to add new jobs
- **Implemented from scratch part of the application to gather, process and navigate leads** that allows to get all company leads to be captured in a single area and get single source of truth
- **Implemented ACL policy approach** to introduce a highly efficient and flexible way to grant/revoke permissions based on Postgres RLS mechanics

- **Implemented new ways of interacting with consumers** by integrating messaging and telephony at the core of the application (integration with Telegram, other consumer messengers, SIP providers, etc)
- **Implemented services to coordinate cloud instances running in a distributed environment**, ensuring smooth load balancing and more efficient use of resources
- **Implemented real-time communication service** across all application parts, improving user experience and making it easy to integrate real-time workflow into any part of the application in minutes
- **Improved services reliability** through deep integration with Kubernetes services, introducing service health checks and graceful shutdown of instances
- **Set up and simplified code sharing between the projects** via common NPM packages, allowing teams to reuse code base across the projects for increased development efficiency
- **Implemented external service mock tool** that simplifies local development to get rid of dependencies on external environment, which allows to increase developer productivity

Lead/Senior Full-Stack Software Developer — Toptal

February 2022 — present

Responsibilities

- Interacting with customers to gather requirements
- Design software architecture
- Develop code
- Develop unit, integration and e2e tests
- Code review
- Set up and support DevOps infrastructure

Key Skills

- Backend: .NET 5-8, Nest JS, TypeScript, Microsoft SQL, Postgre SQL, Azure Cosmos DB, Mongo DB, S3
- Frontend: React, Next.js, Electron, TypeScript, Tailwind
- Tests: xUnit, NUnit, Jest, Cypress
- DevOps: Kubernetes, Docker, Azure DevOps, Github, Github Actions
- Cloud Native: Azure, AWS, Vercel

Achievements

- **Designed and implemented core code base for building projects**, allowing speed up the development process
- **Designed and implemented base DevOps infrastructure** that enables new project infrastructure setup in minutes
- **Reviewed and refactored Electron-based solution** (macOS, Windows, Linux) for secure messenger
- **Covered key core services for Electron Messenger solution with unit tests**, allowing for smooth refactoring

- **Designed and implemented an SMS messaging application as a Microsoft Teams extension and Web version** that allowed to set up technical support process for consumer-facing services
- **Designed and implemented enterprise-level one-time password generation solution** to simplify access to customer resources for technical specialists at IT services company
- **Designed and implemented e-commerce portal** for next-generation level of selling handcrafted products
- **Designed and implemented solution to monitor and maintain Azure resources** as third-party tool
- **Designed and implemented frontend for secure, web-based mail service** with end-to-end encryption
- **Designed and implemented bidding platform for real estate developers** that reduced material costs by x5

Senior Full-Stack Software Developer — Troppus IT & Management (Alcoa Inc)

November 2021 — December 2022

Responsibilities

- Interact with internal customer to gather requirements and software KPIs
- Design software architecture
- Develop code
- Develop unit tests
- Code review
- Adopt internal DevOps infrastructure to run the projects

Key Skills

- Backend: .NET 5-7, Microsoft SQL, Azure Blob Storage
- Frontend: Blazor, Bootstrap
- Tests: xUnit
- DevOps: Azure DevOps
- Cloud Native: Azure

Achievements

- **Developed 3 internal tools from scratch** from legacy Windows Forms applications to Blazor-based web applications that allowed them to manage resources 3x faster and reduce equipment maintenance costs
- **Implemented set of Charts/Grids components** that works fast and reliable, allowing to display huge amount of data to have “big picture” for managers
- **Integrated with a set of external company tools** that provide a fast and easy way to get all the analytical data needed for the application

Senior Full Stack Software Developer — Actsoft Inc

May 2017 — November 2021

Responsibilities

- Interact with business units to gather requirements
- Interact with design team to collaborate on UI/UX
- Interact with QA team to establish E2E testing process
- Participate in architecture team work, defining architecture of part of the application(s)
- Develop code
- Develop unit, integration tests
- Code review
- Improve DevOps pipelines

Key Skills

- Backend: .NET 4.x, Microsoft SQL Server, Azure Service Bus, Azure Blob Storage
- Frontend: React, Redux / Saga, TypeScript, Material UI, Storybook
- Tests: NUnit, Jest
- DevOps: Azure DevOps
- Cloud Native: Azure

Achievements

- **Implemented dozens of features in the core product** that increased value and price to the end users
- **Worked closely with QA team to integrate E2E testing workflow**, saving significant time during regression testing and release
- **Set up the migration of legacy frontend code to React** and worked closely with team members to help them to adapt to these changes
- **Implemented a company UI kit** that was distributed via private NPM package, which saved a lot of time to develop other projects in the company

Senior Software Developer — Service Titan Inc

December 2015 — May 2017

Responsibilities

- Interacting with business units to gather requirements
- Develop code
- Code review
- Support team process as part of the Infra team

Key Skills

- Backend: .NET 4.x, Microsoft SQL Server
- Frontend: React, Cordova
- DevOps: Github
- Cloud Native: Azure, AWS

Achievements

- **Automated Route 53 DNS management** for cloud services development, simplifying the creation of test/staging environments
- **Migrated the mobile application from legacy to modern WebView** as part of the Cordova application, improving the performance and stability of the application for the end user
- **Implemented key business features** that enable business growth and simplify customer workflows

Head of Development — CodeFirst

January 2014 — December 2015

Responsibilities

- As a Lead
 - Interact with company's customers, gather requirements, and create/maintain the backlog
 - Perform initial analysis of business requirements and propose technical solution
 - Define developer workflow processes for the entire company
 - Run daily basis development process: planning, daily SCRUM, release
 - Hire team members
 - Mentor team members
- As a Developer
 - Design architecture, define key software principles
 - Develop code
 - Develop unit and integration tests
 - Code review
 - Support DevOps infrastructure
 - Support high service availability

Key Skills

- Backend: .NET 4.x, Microsoft SQL Server
- Frontend: Angular, Kendo UI
- DevOps: Azure DevOps
- Cloud Native: Azure

Achievements

- **Set up the development team from scratch** including hiring team members, defining development processes, DevOps, and cloud infrastructure that enables the IT business to run smoothly and predictably
- **Designed and implemented company cloud infrastructure** to provide highly available and scalable services across the company for all projects
- **Set up smooth SCRUM based development process** with predictable timelines and stress-free for development
- **Implemented 5 big projects for external customers** working as a team lead and developer, resulting in very positive feedback being given from them

- **Planned and implemented company website** to promote company's services
- **As an in-house project, planned, designed and implemented a backlog estimation tool based on the Planning Poker method** (planitpoker.com) - developed for use inside the company, as a result, thousands of software development teams use it outside the company, including large corporations

Senior Full-Stack Software Developer — MSI UK

July 2011 — December 2013

Responsibilities

- Interact with internal customers to gather requirements
- Participate in architecture team work, define architecture of part of the application(s)
- Develop code
- Develop unit, integration tests
- Code review

Key Skills

- Backend: .NET 4.x, Microsoft SQL Server
- Frontend: Silverlight, Telerik
- DevOps: Team Foundation Server

Achievements

- **Implemented features** needed by business units
- **Improved performance of existing services** so they can handle large amounts of data
- **Improved UI/UX of existing application**
- **Covered with unit tests critical services**

Head of Development — Oogway Software

August 2009 — July 2011

Responsibilities

- Running own IT business
- Interact with customers to gather business requirements
- Develop code
- Services deployment and provide up-time

Key Skills

- Backend: .NET 4.x, Microsoft SQL Server, SignalR
- Frontend: Vanilla JS, jQuery, Silverlight, Hand-crafted UI Kit
- DevOps: Team Foundation Server

Achievements

- **Implemented online 3D-modeling solution** that allows to display part of the building in 3D in real time on the Web, based on the cutting-edge technologies - .NET and Silverlight 3D

- **Implemented an online trading system** for a real estate development company to optimize the cost of purchasing materials

Chief Technology Officer — NeoConcept

May 2004 — August 2009

Responsibilities

- Running own IT business
- Interact with customers to gather business requirements
- Preparing the company for a few rounds of investments
- Develop code
- Manage development team
- Services deployment and provide up-time

Key Skills

- Backend: .NET 4.x, Microsoft SQL Server
- Frontend: WPF, Extensions for Microsoft Office, Vanilla JS, jQuery
- DevOps: Team Foundation Server

Achievements

- **Implemented a distributed service for real estate agencies** that connected many agencies across the region
- **Implemented regional real estate web portal**
- **Implemented a kiosk solution** for the region's largest reseller of electronic components
- **Implemented solutions for external customers** such as Interfax and Microsoft

Software Developer — Lab.Net

September 2003 — April 2004

Responsibilities

- Develop code

Key Skills

- Backend: ASP, .NET, ASP.NET, Microsoft SQL Server
- Frontend: Vanilla JS

Achievements

- **Implemented and maintained websites for local businesses**
- **Participated in the development of a resource management system for an external customer**

Education

South Ural State University

2007 — 2011

- Graduated PhD student
- Subject of PhD work - code quality analysis based on neural networks

South Ural State University

2002 — 2007

- Master Degree in Computer Science

Awards and Certifications

Microsoft Certified Professional

2006 — 2017

- 70-536 TS
- 519 PRO
- 70-516 TD
- 70-506 TS
- 70-515 TS
- 70-599 PRO
- 70-517 TS
- 70-518 PRO
- AZ-204

Microsoft Most Valuable Professional

2008 — 2016

- Expertise: .NET

Microsoft Regional Director

2009 — 2016

- Gold Global Impact Award 2009
- Gold Global Impact Award 2010