Jakub Kubacki
Lead Software Engineer
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I'm passionate about crafting high-quality, maintainable, and scalable software using the best tools for the job. I thrive in remote, collaborative team environments and have successfully led multiple projects. I'm comfortable taking full ownership of a product, ensuring its success from start to finish.

Experience

VP of Technology / Lead Full Stack Engineer

Benztown Branding USA - leading radio imaging company

Glendale, CA / Remote

Mar 2019 - Present

As the VP of Technology, I assumed responsibility for all technical aspects of the company, including the development of new products, maintenance of existing ones, and management of the infrastructure.

- Improved reliability:
  - Created Kubernetes infrastructure for all company services.
  - Set up fully automated CI/CD pipelines.
  - Implemented monitoring and alerting for all services using Prometheus Stack, error tracker, and uptime monitoring.
  - Established backups and disaster recovery plans for databases, volumes, and Kubernetes resources.
  - Achieved 99.999% uptime for all services over a span of two years.
  - Utilized Infrastructure as Code tools such as ArgoCD GitOps, Helm, and Kustomize.
- Improved security:
  - Implemented static code analyzers and automated dependency checks.
  - Ensured complete separation between environments.
  - Migrated the custom authentication system to Keycloak SSO.
- Developed AI powered products for the radio industry:
  - Implemented similarity audio search
  - Developed AI powered voice generation application for radio imaging
  - Trained AI audio classification model for music genres.
- Created a frontend application for the company's flagship product.
  - Utilized Next.js and TypeScript with React for the frontend, Ruby on Rails for the API
  - Developed a highly maintainable complex application using Redux, Redux-Saga, and other libraries
  - Conducted testing using Jest, React Testing Library, and Playwright.
- Maintained and improved a 13-year-old Ruby on Rails backend application.
  - Enhanced performance by optimizing SQL queries on database tables containing millions of rows.
  - Upgraded a Rails 4 application to the latest Rails 7 version.
  - Updated dependencies that were outdated for several years.

- Eliminated unused features and their dependencies.
- Gradually refactored legacy code to enhance maintainability and testability.
- Significantly increased test coverage by writing meaningful unit and integration tests.
- Implemented a search engine for audio files, users, logs, and other resources using Elasticsearch.

Technical Team Leader

Netguru - Ruby on Rails focused software house

Remote

Sept 2017 - Mar 2019

During my time as a Team Leader, I led multiple technical projects. I managed teams of developers and consulted with clients. Additionally, I mentored less experienced colleagues in my role as a mid-level manager.

- Led the development of small, medium, and large-scale projects
- Conducted code reviews and pair programming sessions to maintain high standards in the projects.
- Created products from scratch, maintained, and extended mature applications.
- Developed APIs for single-page applications (SPAs) and maintained Rails view projects.
- Managed a team of seven developers as a leader (manager), providing mentorship, supervising development goals and careers, and evaluating their performance and skills.
- Consulted on company-wide policies with leaders and executives.
- Coordinated the recruitment process in a department of 90 developers, automating manual steps, unifying requirements and feedback processes, introducing recruitment tasks, and conducting interviews for junior, regular, and senior positions.
- Spoke at company meetups, organized internal hackathons, and coached attendees in Ruby on Rails workshops.
- Consulted with clients during scoping sessions, project workshops, and technical project reviews.

Senior Ruby on Rails Developer

Netguru - Ruby on Rails focused software house

Remote

Jan 2015 - Sept 2017

As a Senior Ruby on Rails Developer, I led Ruby on Rails projects, managed teams of RoR developers, and consulted with clients.

- Led development in 4 projects.
- Conducted recruitment interviews ranging from junior to senior levels.

Ruby on Rails Developer

E-price - e-commerce company

Remote

Dec 2013 - Jan 2015

Built e-commerce ERP software managing sales via api integrations (SOAP, REST, OAUTH).

PHP Developer

E-price - e-commerce company

Remote

Sep 2010 - Dec 2013

Developed and maintained ERP e-commerce software.

Skills

Backend - 14 years of experience

Ruby on Rails - Rails 7, Sidekiq, TDD, RSpec, Capybara
Developing APIs - REST API, GraphQL
Databases - RDBs, NoSQL
API integrations - REST, GraphQL, SOAP
Other - Node.js, Python, Elixir & Phoenix, Shell, Search engines - ElasticSearch, Solr, Sphinx, Git

Leadership - 8 years of experience

Technical Leadership - Full ownership, Architecture, Code reviews, Agile
Management - Mentorship, Performance reviews, Conflict resolution
Recruitment - Interviewing, Recruitment process

DevOps - 5 years of experience

AWS - EKS, S3, EC2, RDS, Lambda
Docker
Kubernetes - GitOPS - ArgoCD, Kustomize, Helm
Other - Terraform, CI, CDN, Observability

Frontend - 6 years of experience

React - React Testing Library, Playwright, Storybook, Redux, Tailwind CSS, React Query
Typescript
Javascript - Node.js, Jest
Next.js - NextAuth, Vercel
Other - Stimulus & Turbo, React Native

Education

Computer Science

University of Adam Mickiewicz, Poznań, Poland

2010 - 2012

Pursued a full-time career in web development after completing 3 semesters.

Languages

🇬🇧 English: Full professional proficiency

🇵🇱 Polish: Native proficiency

🇪🇸 Spanish: Limited working proficiency

🇹🇭 Thai: Elementary proficiency

Interests

Technology, Finance, Football, D&D, Travel, Languages, Cuisine, Digital Nomad Lifestyle

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