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ARTEM KHRIENOV

Senior Software Developer

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Summary of Qualifications

- 10+ years' experience in full-stack web development with 8+ years of experience in frontend technologies (JavaScript, TypeScript, React, Next, Vue, AngularJS) and 6+ years in backend development (Node, Nest, Ruby on Rails).
- Skilled in REST API and GraphQL development, as well as database management (MongoDB, MySQL, PostgreSQL, DynamoDB, Firestore) with a focus on scalability and reliability.
- Extensive experience in diagnosing and resolving performance issues across the full web development stack, from client-side rendering bottlenecks (React/Vue) to database query optimization and server-side resource management (Node.js)
- Experience with AWS (EC2, API Gateway, Lambda, DynamoDB, Fargate) and Google Cloud Services (Compute Engine, Firebase Services) in building distributed systems.
- Additional expertise in OpenAI, Stripe, WebSockets, Twilio, Zapier, Vonage, Linear API, Slack API.
- Experience establishing and automating CI/CD pipelines (Jenkins, TeamCity, Docker) for streamlined software delivery.
- Excellent problem-solving and analytical skills, with a strong customer focus.
- Proven team player and collaborator, demonstrating strong communication and interpersonal skills.

Professional Experience

Senior Software Developer, Ralify
Chilliwack, Canada

Oct 2023 – Present

- Designed and implemented a real-time collaboration application using Firebase, Node, React, Socket.io, and WebRTC, enabling seamless multi-user interaction and task synchronization for enhanced teamwork.
- Developed a serverless backend (Firebase Functions) and signaling server to manage data flow and communication within the collaboration environment for reliability.
- Implemented P2P connections (WebRTC) and Socket.io to facilitate real-time user interactions within a React-based collaboration room, ensuring a smooth user experience.
- Integrated application with Linear API to enhance workflow and data access, boosting team efficiency.
- Integrated application with OpenAI to have the ability to generate AI Summary for each real-time collaborative session, driving greater insights.

- Configured CI/CD (Google Compute Engine) to automate deployments and ensure reliability for a scalable solution.

Technologies: Node, React, Firebase (Authentication, Firestore, Functions, Storage), Socket.io, WebRTC, TURN/STUN, Google Compute Engine, CI/CD, OpenAI, Linear SDK, Slack SDK

Senior Software Developer / Delivery Manager, Jounce AI
California, USA

Feb 2023 – Sep 2023

- Implemented a billing service and payment module with Stripe API integration for secure payment processing, improving financial transactions.
- Developed a robust "Drag & Drop" file management feature (Vue 3), enabling users to intuitively organize and manage folders within catalogs for improved ease of use.
- Refactored application architecture using DDD principles, improving code maintainability, scalability, and reducing technical complexities for long-term success.
- Optimized key API endpoints, resulting in a 10x performance boost and reduced cold starts (Firebase Functions), ensuring a smooth experience for 30k+ users and demonstrating a focus on performance.
- Managed weekly production releases, ensuring seamless deployment of new features and updates for continuous improvement.

Technologies: Node, Vue, Firebase (Authentication, Firestore, Realtime Database, Functions, Storage), Stripe API, OpenAI, GitHub Actions, Retool

Software Developer / Team Lead / Delivery Manager, Livegenic
Philadelphia, USA

Jun 2015 – Present

- Enhanced project stability and user satisfaction by fixing 250+ backlog bugs and implementing 50+ client requests.
- Improved data page response time by 20x through optimization of a MySQL table with 3M+ records, demonstrating performance focus.
- Reduced execution time from 30 seconds to 4 seconds by rewriting complex database queries in SQL, enhancing efficiency.
- Developed and maintained scalable internal and external REST APIs for an enterprise application with 50k+ users, leveraging AWS Services (API Gateway, Lambda functions, DynamoDB).
- Streamlined project management by creating 700+ tasks in JIRA based on client requests.
- Improved team collaboration and productivity through Agile development and testing processes.
- Successfully managed 10+ partner platform integrations, demonstrating strong project leadership.
- Supported a complex React SPA, ensuring a high-quality user experience.

- Increased uptime and reliability by deploying 200+ releases to production servers.
- Saved development team time by setting up and maintaining 9 CI/CD pipelines (TeamCity).

Technologies: React, AngularJS, Vue, Node, Ruby on Rails, AWS Services (EC2, API Gateway, AWS Lambda's, DynamoDB, etc.), WebSockets, Twilio API, Vonage API (real-time video and collaboration tools), WebRTC, Zapier API

Software Developer, Freelance

May 2013 – Jun 2015

- Collaborated with clients to gather requirements and successfully delivered a variety of projects, including small websites, online shops, primarily based on Wordpress/Joomla/Magento CMS.

Education / Certificates

Certificates / udemy.com

- NestJS Zero to Hero - Modern TypeScript Back-end Development
- Complete React Developer (w/ Redux, Hooks, GraphQL)
- React and NestJS: A Practical Guide with Docker
- The Complete Ruby on Rails Developer Course
- The Complete JavaScript Course 2024: From Zero to Expert!
- NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno)
- Angular & NodeJS - The MEAN Stack Guide [2024 Edition]
- Progressive Web Apps (PWA) - The Complete Guide
- Vue - The Complete Guide (incl. Router & Composition API)

Bachelor of Engineering

Jun 2005 – May 2010

Air Force University named after Ivan Kozhedub