

RONALD BODNAR

Los Angeles, CA | ronbodnar.com | github.com/ronbodnar | linkedin.com/in/ronbodnar

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL (MySQL), TypeScript, Python

Frameworks: Spring Boot, Angular, RxJS, React, Node.js, Express, TailwindCSS

Tools & Technologies: Git, CI/CD Pipelines (GitHub Actions), Docker, AWS (EC2, S3), Linux

RELEVANT EXPERIENCE

Lead Full Stack Engineer | CoreFlow ERP

Feb 2024 – Present

- Independently led the design and development of an ERP platform in close collaboration with stakeholders to understand business requirements and deliver a solution that improved operational efficiency by 30%
- Built a custom ETL pipeline (Python, Pandas, Selenium), transforming 400,000+ legacy records into MySQL tables, uncovering \$40K in lost revenue and increasing data accuracy by nearly 20%
- Engineered document generation and email notification systems with Angular, Node.js, and PDFMake, automating contract and receipt delivery and eliminating 90% of manual paperwork
- Optimized backend performance through pagination, lazy loading, and query tuning, cutting API response latency by 40%, enabling faster entity lookups and reporting
- Containerized the system using Docker and deployed via GitHub Actions to AWS EC2, reducing deployment time from 20+ mins to under 5 mins and enabling zero-downtime updates
- Designed secure REST APIs using Spring Boot and Spring Security with HTTP-only JWT cookies, implementing short-lived access tokens, refresh token rotation, and role-based guards to enforce tenant-specific authorization across endpoints

Career Break | Professional Development

Apr 2020 – Feb 2024

- Earned B.S. in Computer Science while maintaining full-time employment and freelance technical projects

Senior Full Stack Software Engineer | Wheel & Tire Superstores

Feb 2018 – Mar 2020

- Collaborated with product and frontend teams to design and deploy 15+ RESTful APIs using Java and Spring Boot, boosting inventory accuracy and increasing average monthly sales by \$15,000
- Participated in peer code reviews, helping teammates optimize code quality and align with best practices to ensure scalability and maintainability
- Migrated an e-commerce platform handling 100,000+ daily requests to AWS cloud services (EC2, S3), reducing infrastructure costs by \$5,000+ per year, while enhancing scalability and availability

Full Stack Software Engineer | Rush Exotic Wheels

Jun 2015 – Dec 2017

- Built Java automation and data pipelines to create and manage 20,000+ SKUs, reducing input errors by 40%, and supporting \$1.5M in annual revenue

Java Developer | Wheel & Tire Superstores

Jul 2013 – Jun 2015

- Developed unit tests and debugged fulfillment systems, resolving barcode scanning and stock update issues, reducing post-deployment bug reports by 75%

PROJECTS

Showcase OS | React, TypeScript, Zustand, Tailwind CSS

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- Implemented stateful windows, focus management, and taskbar interactions to simulate OS behavior in the browser
- Built an efficient window compositor for live app previews using dirty bits to render only changed DOM elements
- Designed an extensible app registry allowing new apps to integrate automatically with the windowing system and responsive Desktop/Mobile UIs

Grid of Words | Vanilla JavaScript, Node.js, Express.js, MongoDB, Docker

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- Optimized backend interactions with asynchronous JavaScript operations (async/await), reducing load times by 35%
- Reduced unnecessary re-renders by structuring game state efficiently in a framework-less single-page application (SPA)

EDUCATION

Western Governors University | Bachelor of Science, Computer Science

Jan 2024