

Roilan Roman

Senior Software Engineer

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Highly skilled Senior Software Engineer with 10 years of experience in designing, developing, and maintaining web applications. Proficient in Java and back-end technologies, with a strong focus on creating scalable and high-performance solutions. Adept at collaborating with cross-functional teams to deliver robust software products. Passionate about continuous learning and staying updated with the latest industry trends.

PROFESSIONAL EXPERIENCE

UnitedHealthcare

Senior Software Engineer

Mar 2021 – Aug 2024

- Led the development of 4 + software projects across multiple industries using Node.js, React, and Java to build scalable and performant applications
- Collaborated with cross-functional teams to develop and maintain a scalable health platform, improving patient engagement by 30%
- Implemented microservices architecture reducing server-side processing by 35%
- Revamped legacy systems using Java and Spring Boot, improving system performance by 55% Relayed a key role in migration of legacy PHP applications to modern Node.js and cloud-based architecture, leveraging AWS serverless technologies
- I customized the Javascript libraries and integration between Java Platform with Javascript
- Managed and mentored a team of junior developers, increasing overall proficiency by 20%
- Led company-wide implementation of DevOps practices resulting in 45% quicker delivery times

Skills : JavaScript(ES5+), TypeScript, React, Next.js, Vue.js, Nuxt.js, Node.js, Express.js, PHP, Laravel, Java, Spring Boot, RESTful API, GraphQL, Redis, MySQL, MongoDB, Docker, Jenkins, Git, Agile, Scrum, Jira, Bootstrap, Tailwind CSS, Jest, Mocha, CI/CD, AWS S3, RDS, DynamoDB, IAM, Lambda, API Gateway, SNS, SQS, ECS, EKS, CloudFront, CloudWatch, RabbitMQ, Apache kafka, Tomcat

TechNova Innovations

Senior Software Engineer

Aug 2017 – Jan 2021

- Designed and implemented end-to-end backend solutions using the Node.js and Java, along with their ecosystems like Express.js and Spring Boot, Spring MVC, ensuring scalability, maintainability, and performance optimization for high-traffic applications
- Contributed to application development using Java/J2EE, reducing application loading time by 16%
- Developed and maintained RESTful and GraphQL APIs, contributing to the overall system architecture and ensuring seamless integration with frontend applications

- Integrated cloud services with AWS for storage, authentication, and serverless functions, reducing operational costs and improving system reliability

Skills: JavaScript, TypeScript, React, Next.js, Node.js, Express.js, Core Java, Spring Boot, SpringMVC, RESTful API, GraphQL, Redis, Postgre, MongoDB, Docker, Jenkins, Git/Github, Scrum, Jira, Jest, Mocha, chai, CI/CD, AWS DynamoDB, IAM, Lambda, API Gateway, Route 53, CloudWatch, RabbitMQ

ShopSmart Innovations

Software Engineer

Sep 2015– May 2017

- Contributed to end-to-end development of a multi-platform web app, boosting user engagement by 15%
- Implemented efficient Error Handling mechanism resulting in improved robustness of system by 60%
- Performed extensive code unit testing to detect and eliminate runtime errors, improving system stability by 45%

Skills: JavaScript, React, Angular, Node.js, Express.js, Redux, PHP, Laravel, Java, SpringBoot, AJAX, RESTful API, SQL, NoSQL, Docker, Git, SVN, Agile, Scrum, Jira, WebSocket, HTML5, CSS3, SASS, SCSS, Material UI, Webpack, JASMIN, Jest, Mocha, CI/CD

EDUCATION

The University Of Florida

Bachelor of Computer Science

2012 - 2015

SKILLS

- **Backend:** Java/Spring (Expert), Spring Boot (Expert), Hibernate (Expert), SaaS (Expert), Node.js/Express (Expert), Python/Django/OpenAPI (Advanced), GraphQL (Advanced)
- **Database:** MySQL (Expert), PostgreSQL (Expert), MongoDB (Expert), Prisma (Expert)
- **Testing Frameworks:** Unit testing (Jest, Enzyme) (Expert), E2E testing (Cypress, Playwright) (Expert), JUnit (Expert), TestNG (Expert), Cucumber (Expert)
- **Architecture:** Microservices architecture (Expert), Monorepo (Expert)
- **Other:** Core JavaScript (Expert), jQuery (Expert), webpack (Intermediate), TypeScript (Expert), Mocha (Advanced), Chai (Advanced), WebRTC (Expert), Lambda (Expert), Restful API (Expert), SEO (Expert), Git (Expert), Github (Expert), Gitlab (Expert), Bitbucket (Expert), Jira (Expert), YAML (Expert), Tomcat (Expert)
- **Cloud/DevOps:** AWS (Expert), GCP (Intermediate), Google Cloud Platform (Spanner, PubSub) (Expert), Azure (Expert), Jenkins (Expert), CircleCI (Expert), Docker (Expert), Kubernetes (Intermediate), Flutter (Advanced)