

KEVIN RANA

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SUMMARY

Result-oriented Software Engineer with 6+ years of experience specializing in full-stack development, microservices, cloud-native architectures, and enterprise-level production support. Having a strong understanding in Java, NodeJS, and AWS, with a proven track record of improving system performance by 35% and mentoring high-performing engineering teams.

EXPERIENCE

Software Engineer II

Idemia Civil Identity

January 2023 - February 2026, Bedford, MA

- Pioneered the design and implementation of core back-end features for the ID2Issuance Product MVP, transitioning to a cloud-native architecture using Node.js, TypeScript, Java, SQL, and AWS.
- Architected and deployed 20+ scalable microservices from legacy monolithic systems, driving a 35% improvement in overall system performance.
- Resolved high-severity product issues by 30% through comprehensive debugging, unit testing, and rigorous code review standards utilizing SonarQube, GitLab, & GitHub Copilot.
- Led & Mentored 8+ junior engineers, improving team onboarding time by 50% and overall productivity by 25% through technical talks, code reviews, product feature demonstrations for stakeholders, and documentation.
- Optimized maintenance processes for 12+ environments, reducing manual workload by 80% via automated test suites and achieving 99% system uptime.
- Spearheaded end-to-end architecture and development of a legacy data migration project consisting of 5 engineers, decomposing the legacy product migration application into high-volume microservices, ensuring improved system scalability.
- Collaborated with System Architect and DevOps team to provision multiple production level environments for business team to conduct technical product demonstrations for prospective clients through GitLab and AWS.

Software Engineer II

Curate Partners - Idemia (Contract)

June 2022 - December 2022, Bedford, MA

- Engineered enterprise software for the Issuance 360 Back Office Product, managing millions of identity credentials for Motor Vehicle Agencies.
- Delivered core product features within 2-week agile sprints by collaborating across Product, Design, and QA teams throughout the SDLC.
- Eliminated 30% of technical debt within 6 months by identifying and debugging complex software application and database defects.

Software Engineer

Prudential Financial (TCS Consultant)

March 2020 - June 2022, Newark, NJ

- Managed dozens of RESTful API proxies using Apigee Edge and Jenkins to securely connect business applications with backend vendor services.
- Developed a full-stack web scraper application using Python and Node.js to fetch real-time data, accelerating the debugging of production issues.
- Integrated 20+ services for data translation between business applications and backend systems using IBM Integration Bus and SOAP/JSON.
- Orchestrated architectural planning with tech leads and stakeholders, producing detailed technical documentation to resolve project blockers.

Full-Stack Software Engineer

Tata Consultancy Services (TCS)

August 2019 - June 2022, Edison, NJ

- Completed rigorous Full-Stack bootcamp covering Java/J2EE, Spring Framework, Spring MVC, Spring Boot, Hibernate, JSP, Servlets, & Microservice architecture.
- Coordinated with agile team on design & development of dynamic CRUD web applications as per user specifications.
- Acquired foundational cloud skills by completing training modules in AWS/Azure, enabling the deployment of containerized web applications using Docker.

L3 Production Support Engineer

Freddie Mac (TCS Consultant)

December 2019 - March 2020, McLean, VA

- Provided production support, oversight, monitoring, and solutions for Freddie Mac's Multifamily legacy applications while collaborating with cross-platform teams and communicating effectively under pressure.
- Proactively monitored 50+ java-based system application batch processes through a proprietary integration system for code-level debugging defects & failures, log analysis, troubleshooting SQL database issues, and manual batch processing, ensuring site reliability principles, quality assurance procedures, and ITIL best practices are met.
- Resolved and documented 25+ daily IT tickets in ServiceNow, focused on investigating reoccurring incidents, conducting health checks, data corrections, and fixing minor bugs, reducing average downtime from 4 hours to 45 minutes.

PROJECTS

ID2Issuance

Idemia Civil Identity

- Successor to I360 Backoffice, developed/designed backend microservices, APIs, AWS step functions/lambda for secure, scalable core features of credential issuance platform used by Motor Vehicle Agencies with enhanced facial recognition using AWS, Node.js, Java, Typescript, JavaScript, JSON, XML, YAML, Bash, Copilot.

Issuance 360 BackOffice

Idemia Civil Identity

- Developing/maintaining legacy web-based application platform features used by DMV agencies for securely streamlining driver's license and ID card issuance using Java, JavaScript, JSON/XML.

Node.js Chat App

- Created app with real-time multi-user chat functionality using NodeJS, Socket.io, HTML, CSS.

NJIT Exam Grading System

NJIT

- Developed back-end for web app that semi-automated exam creation, taking, and grading processes by 50% using PHP, SQL, JSON, and phpMyAdmin.

EDUCATION

B.S. Computer Science

New Jersey Institute of Technology • Newark, NJ • May 2019 • 3.36

SKILLS

Languages: Java, Node.js, JavaScript, TypeScript, Python, PHP, HTML, CSS, SQL, Bash, JSON, XML, YAML

Frameworks/Libraries: Spring, Spring MVC, Spring Boot, Hibernate, React, Angular, Express, jQuery, Socket.io, Apache Camel

Cloud & DevOps: AWS, GitLab, Bitbucket, GitHub, Docker, SonarQube, Jenkins, Apigee, Splunk, CI/CD

Databases: PostgreSQL, MS SQL Server, Oracle SQL Developer, DynamoDB, PhpMyAdmin

Tools/Technologies/Methodologies: GitHub Copilot (AI), Visual Studio Code, Eclipse, Wildfly, Jira, Agile, Scrum, ServiceNow
