

Yubraj Ghimire

Application Architect · Full-stack Java & React

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SUMMARY

Results-driven engineer and Application Architect with 10+ years of experience building scalable, fast applications across finance and digital platforms. Proficient in Java, Spring Boot, React, RESTful APIs and cloud infrastructure (AWS, Azure). Skilled in microservices architecture, Docker, Kubernetes and DevOps automation. Known for clean, maintainable code, resolving complex production issues and driving performance in Agile teams. Uses AI-powered development tools (AugmentCode, Microsoft Copilot) to speed up coding, testing and architecture.

EXPERIENCE

MoneyGram · Dallas, TX (remote)	May 2021 – Present
Application Architect	Sep 2025 – Present
Supervisor, Software Development	Apr 2025 – Sep 2025
Software Engineer IV	Jul 2024 – Apr 2025
Senior Software Developer (contract via Kforce)	May 2021 – Jul 2024

As Application Architect

- Own systems end to end: design the architecture and implement it, from service boundaries, API contracts and data models to Spring Boot microservices, frontend integration and deployment on AWS.
- Turn product requirements into system designs, documented in architecture docs and diagrams, then build them hands-on as the team's senior engineer.
- Review code and designs across the team, keeping services secure (OAuth 2.0), scalable and maintainable.
- Guide choices of AWS services (EKS, Lambda, RDS, S3) and deployment patterns, balancing reliability, cost and speed of delivery.
- Troubleshoot complex production issues and lead performance improvements across services.
- Use AI-assisted tools (AugmentCode, Microsoft Copilot) to speed up design documents, code and tests.

As Supervisor, Software Development

- Led a team of 3 developers and 1 QA engineer reporting directly to me, owning planning, delivery and quality for MoneyGram's Marketplace and Crypto products.
- Partnered closely with the product manager to prioritize the backlog and turn requirements into releases.
- Ran sprint planning, stand-ups and retrospectives as a certified Scrum Master (PSM I).
- Assigned work, tracked progress and removed blockers to keep releases on schedule.
- Worked with QA on test plans and release readiness for every deployment.
- Coordinated with other teams and vendors on integrations for Marketplace and Crypto.
- Mentored the team, ran code reviews and set coding standards.

As Senior Software Developer and Software Engineer IV

- Developed Java Spring Boot microservices and RESTful APIs for digital banking platforms, including crypto and money transfer features.
- Integrated third-party vendor APIs to enable crypto trading and global money transfers; built backend infrastructure for high-volume, secure transaction flows.
- Implemented secure KYC onboarding to support compliance across financial transactions; secured REST APIs with OAuth 2.0.
- Led cloud-native migration efforts, refactoring monolithic systems into AWS microservices (EC2, Lambda, S3) and designing scalable architectures with Elastic Beanstalk, RDS and Lambda.
- Deployed Dockerized applications on Kubernetes (AWS EKS); managed CI/CD pipelines with Jenkins and AWS CodePipeline.

- Built and optimized React components; worked with UI/UX teams to integrate APIs and streamline web and mobile customer journeys.
- Wrote unit and integration tests with JUnit and Mockito; diagnosed and resolved production issues to improve performance and availability.
- Mentored junior developers and conducted code reviews.
- Used AugmentCode (IntelliJ) and Microsoft Copilot to accelerate development, generate unit tests, optimize SQL and design architecture.

Software Developer · Amdocs (assignment: MUFG Union Bank)

Oct 2020 – May 2021 · Dallas, TX

- Upgraded Java applications from Java 6/7 to Java 11 and migrated Struts, Spring and JBoss frameworks.
- Fixed security vulnerabilities based on OWASP, including the Log4j 1.x to 2.x migration; scanned artifacts with Veracode.
- Built, promoted and deployed applications to pre-production with Jenkins CI/CD; supported production issues after deployments.
- Took part in Agile planning and grooming to prioritize and create team tasks.

Software Engineer · Sciata

Feb 2020 – Jun 2020 · Scottsdale, AZ

- Developed a REST-based web application with Java, Spring Boot, Hibernate and MongoDB, and its UI in HTML, CSS and React.
- Created an API to store uploaded files in AWS S3; built and deployed the app and database in Docker containers.
- Used Spring Data JPA with Specifications and Predicates; documented APIs with Swagger and tested them with JUnit; CI/CD with Maven, Jenkins and Git.

Software Engineer · Smart Labs & IT Solutions

Jul 2014 – Apr 2019 · Kathmandu, Nepal

- Developed Java applications and systems from client requirements: analysis, UML design (use case, class and sequence diagrams), coding and code walkthroughs.
- Unit-tested applications with JUnit and worked with the production migration team after UAT.

SKILLS

Backend	Java, Spring Boot, Hibernate, Spring Data JPA, REST APIs, Microservices, Swagger
Frontend	React, Next.js, TypeScript, HTML, CSS
Cloud & DevOps	AWS (EC2, Lambda, S3, RDS, EKS, Elastic Beanstalk), Azure, Docker, Kubernetes, Jenkins, AWS CodePipeline, Maven, Git
Databases	MySQL, Oracle, MongoDB, Couchbase, Cassandra
Security & Testing	OAuth 2.0, SAML, JUnit, Mockito, Postman, SonarQube, Veracode
Domains	Digital banking, global money transfer, crypto, KYC
Practices	Agile/Scrum, TDD, CI/CD, OWASP, AI-assisted development (AugmentCode, Microsoft Copilot)

EDUCATION

Master of Science, Computer Science · Maharishi International University, Fairfield, Iowa	2021
Bachelor's Degree, Computer Engineering · Himalaya College of Engineering, Lalitpur, Nepal	2017

CERTIFICATIONS & AWARDS

Kforce North Star Award · Kforce Inc, for Q4 2023	2024
Professional Scrum Master I (PSM I) · Scrum.org	2022
Registered Computer Engineer · Nepal Engineering Council	2018