

Ritik Katkam

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SUMMARY

Full-Stack Software Engineer with 3 years of experience modernizing enterprise applications and delivering high-impact features in compliance-critical environments. Specialized in legacy system migration (jQuery → React.js, proprietary markup → Vue.js), API integration, and cross-functional collaboration. Proven track record of reducing defects by 35%, increasing feature adoption by 40%, and rapidly mastering complex financial domains.

EDUCATION

Colorado State University | *Masters, Computer Information Systems* (GPA: 3.5/4.0) Jan 2024 - Dec 2025

Visvesvaraya Technological University | *Bachelors, Computer Science and Engineering* (GPA: 3.3/4.0) May 2017 - May 2021

SKILLS

- **Languages:** Java, JavaScript, Python, SQL
- **Frontend:** React.js, Vue.js, HTML5, CSS/SASS, Responsive Design, Bootstrap
- **Backend:** Spring Boot, REST APIs, MVC
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Cloud & DevOps:** CI/CD pipelines, Git, Azure DevOps, Jira, Jenkins, AWS, Bitbucket
- **Development Practices:** Agile/Scrum, Unit Testing, Code Reviews, Jira, Sprint Planning, Refactoring, Documentation, Web Accessibility, Open-Source Contributions, Object-Oriented Programming (OOP), DSA, SDLC
- **Domain Knowledge:** Product Information Management (PIM), Financial & Accounting Systems, SOA, SaaS Platforms

WORK EXPERIENCE

Insightsoftware | *Full-Stack Developer / Software Engineer* Dec 2021 - Aug 2024

- Engineered and maintained enterprise PIM and accounting platforms with React.js, Vue.js, Spring Boot, PostgreSQL, and MySQL, enabling accurate workflow processing for Fortune 500 financial and manufacturing clients, which reduced data-entry errors and improved reporting reliability
- Reduced frontend defects and production rework by 35% through implementation of comprehensive unit testing, rigorous code reviews, and proactive refactoring of legacy code patterns.
- Led integration of in-house data visualization product by designing React UI components and consuming REST APIs, increasing feature adoption by 40% among enterprise customers.
- Spearheaded modernization initiative to migrate legacy jQuery-based application (15,000+ lines) to React.js, improving page load performance by 25%, reducing technical debt, and accelerating feature development velocity.
- Rapidly onboarded to a newly formed team and achieved full product ownership within 6 months for a complex financial platform serving Banking, IFRS17, Part VII Transfer, and Insurance verticals through a unified interface.
- Developed and integrated Spring Boot RESTful APIs with backend microservices, ensuring seamless data flow between frontend components and backend systems while maintaining strict compliance standards.
- Orchestrated release management and deployed software across distributed QA and production environments using Git and Azure DevOps, implementing branching strategies for zero-downtime TC, RC, and GA builds

GoVise Technologies (now CLO Virtual Fashion) | *Software Engineering Intern* Sep 2020 - Nov 2020

- Developed a production-deployed web application for fashion industry clients using Java Servlets, JSP, MySQL, and three.js, enabling interactive 3D garment visualization directly in the browser.
- Implemented real-time 3D model rendering with three.js and integrated backend services to manage and efficiently serve 3D assets, delivering smooth client-facing applications that improved user experience and increased client satisfaction

PROJECT EXPERIENCE

Document Assistant (Hackathon Winner)

- Built an AI-powered document assistant enabling users to query PDFs using context-aware natural language interactions.
- Implemented LLM-based response generation for accurate, human-like answers.
- Won 1st place in company-wide internal hackathon for innovation and real-world applicability; solution now being evaluated for deployment across 20+ internal products.

Intelligent Examination System

- Developed an online examination platform supporting both objective and subjective assessments.
- Implemented automated evaluation of subjective answers using NLTK and LSTM.
- Enabled automatic question generation from text for instructors.

ACHIEVEMENTS/CERTIFICATIONS

- **Hackathon Winner:** Insightsoftware Internal Hackathon
- **Business Intelligence Graduate Certificate:** Colorado State University
- **Published Research Paper “Intelligent Examination System”** :IRJMETS (Vol. 3, Issue 7)