

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 <i>Masters, Computer Information Systems</i> (GPA: 3.5/4.0)	Jan 2024 - Dec 2025
Visvesvaraya Technological University <i>Bachelors, Computer Science and Engineering</i> (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 <i>Full-Stack Developer / Software Engineer</i>	Dec 2021 - Aug 2024
<ul style="list-style-type: none">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 reliabilityReduced 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) <i>Software Engineering Intern</i>	Sep 2020 - Nov 2020
<ul style="list-style-type: none">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)