

# Kshiti Dangore

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## SUMMARY

Full Stack Software Engineer with 2+ years of experience designing and optimizing scalable web applications. Proven track record of improving system performance by up to 80% through database optimization, API design, and microservices architecture. Skilled in Java, Python, React, and AWS with expertise in cloud deployment and backend reliability. Reduced production incidents by 30% through proactive monitoring, root-cause analysis, and JVM tuning at Cognizant.

## SKILLS

- **Programming Languages/Frameworks:** Java, Python, JavaScript/TypeScript, GO, SQL, HTML5, CSS3
- **Backend:** Spring Boot, Node.js, Express.js, Hibernate, Rest APIs, GraphQL, Microservices
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis, Oracle, SQL Server, Databricks
- **Frontend:** React, Redux, Next.js, React Hooks, SCSS
- **Cloud & DevOps:** Docker, Terraform, Kubernetes, Distributed Systems, AWS (EC2, S3, CloudWatch), CI/CD (GitHub Actions)
- **Tools & Methods:** Git, SDLC, Jira, Postman, Agile/Scrum, TDD, System Design

## PROFESSIONAL EXPERIENCE

<b>Northeastern University</b> <i>Research Assistant</i>	<b>Jan 2025 - Apr 2025</b> <i>Boston, MA</i>
<ul style="list-style-type: none"><li>Evaluated and integrated AI development tools (Cursor AI, Galileo AI) to streamline workflows, reducing manual coding effort by 35%</li><li>Created 12+ technical guides and video tutorials that increased tool adoption by 50% across engineering and academic teams</li><li>Collaborated with cross-functional teams to establish scalability and usability standards for AI tool integration</li></ul>	
<b>Cognizant</b> <i>Software Engineer</i>	<b>Sep 2022 - Jun 2023</b> <i>Pune, India</i>
<ul style="list-style-type: none"><li>Architected and deployed Spring Boot microservices with RESTful APIs, improving API throughput by 20% and reducing code duplication by 30% through design pattern implementation</li><li>Decreased production crashes by 30+ incidents per quarter through systematic root cause analysis and JVM optimization, improving system stability by 26%</li><li>Redesigned MySQL database schemas with strategic indexing for real-time analytics dashboards, reducing query response time by 80% (5 min to 1 min)</li><li>Led frontend development for 10+ React modules with 100% sprint completion rate; created comprehensive API documentation that reduced developer onboarding time by 40%</li></ul>	
<b>Cognizant</b> <i>Program Analyst Intern</i>	<b>Feb 2022 - Aug 2022</b> <i>Pune, India</i>
<ul style="list-style-type: none"><li>Developed 20+ RESTful APIs with Spring Boot and SQL while implementing 10+ React enhancements, improving reliability by 18%</li><li>Accelerated sprint delivery by 2 days and reduced cycle time by 28% through active participation in Agile ceremonies and code reviews</li><li>Enhanced team efficiency by 20% through improved technical documentation and knowledge sharing initiatives</li></ul>	
<b>Rentmart IT Services PVT LTD</b> <i>Software Engineer Intern</i>	<b>Jun 2021 - Dec 2021</b> <i>Nagpur, India</i>
<ul style="list-style-type: none"><li>Built scalable Java backend components using OOP principles, supporting a 25% increase in client capacity</li><li>Delivered full-stack features using Java, MySQL, and Git in a collaborative environment, ensuring 95%+ code quality through testing</li></ul>	

## EDUCATION

<b>Northeastern University, Boston - College of Engineering</b> <i>M.S., Computer Software Engineering</i>	<b>Apr 2025</b>
<ul style="list-style-type: none"><li><b>GPA:</b> 3.6/4.0</li><li><b>Coursework:</b> Object Oriented Design, Web Design &amp; UI/UX, Enterprise Software Design, Algorithms, Design Patterns</li></ul>	

  

<b>Yeshwantrao Chavan College of Engineering, Nagpur, India</b> <i>Bachelor of Engineering, Computer Technology</i>	<b>Aug 2022</b>
<ul style="list-style-type: none"><li><b>Coursework:</b> Object Oriented Design, Data Structures, DBMS, Web Technologies, Artificial Intelligence</li></ul>	

## ACADEMIC PROJECTS

<b>Wanderwise App</b>   <a href="#">Github</a>	<b>Jun 2025</b>
<b>Tech Stack:</b> React, Node.js, MongoDB, OpenAI GPT-3.5, Docker	
<ul style="list-style-type: none"><li>Built full-stack AI-powered travel planner generating custom itineraries in under 2 seconds using GPT-3.5 API integration</li><li>Developed multi-step form interface with React Hooks and SCSS, implementing input validation and state management</li><li>Containerized application with Docker Compose for seamless deployment across development and production environments</li></ul>	
<b>Employee Management System</b>   <a href="#">Github</a>	<b>Apr 2024</b>
<b>Tech Stack:</b> Spring Boot, Hibernate, AWS, Terraform, GitHub Actions	
<ul style="list-style-type: none"><li>Engineered Spring Boot microservice with RESTful APIs supporting secure CRUD operations and JWT/RBAC authentication</li><li>Automated AWS infrastructure deployment using Terraform and CI/CD pipelines with GitHub Actions</li><li>Implemented AWS CloudWatch monitoring reducing mean time to detection (MTTD) to under 5 minutes for production incidents</li></ul>	
<b>Centwise App</b>   <a href="#">Github</a>	<b>Dec 2023</b>
<b>Tech Stack:</b> React, Redux, Next.js, Node.js, Express, MongoDB	
<ul style="list-style-type: none"><li>Architected modular React frontend using component-driven development with Redux for centralized state management</li><li>Built and tested 25+ RESTful and GraphQL APIs with Node.js/Express, implementing JWT and OAuth 2.0 authentication</li><li>Integrated email functionality with Nodemailer and validated all endpoints using Postman to ensure zero critical bugs at launch</li></ul>	