

# Kshiti Dangore

+1 (857)-396-9628 | [kshitidangore25@gmail.com](mailto:kshitidangore25@gmail.com) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## 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

### Northeastern University

Jan 2025 - Apr 2025

Research Assistant

Boston, MA

- Evaluated and integrated AI development tools (Cursor AI, Galileo AI) to streamline workflows, reducing manual coding effort by 35%
- Created 12+ technical guides and video tutorials that increased tool adoption by 50% across engineering and academic teams
- Collaborated with cross-functional teams to establish scalability and usability standards for AI tool integration

### Cognizant

Sep 2022 - Jun 2023

Software Engineer

Pune, India

- Architected and deployed Spring Boot microservices with RESTful APIs, improving API throughput by 20% and reducing code duplication by 30% through design pattern implementation
- Decreased production crashes by 30+ incidents per quarter through systematic root cause analysis and JVM optimization, improving system stability by 26%
- Redesigned MySQL database schemas with strategic indexing for real-time analytics dashboards, reducing query response time by 80% (5 min to 1 min)
- Led frontend development for 10+ React modules with 100% sprint completion rate; created comprehensive API documentation that reduced developer onboarding time by 40%

### Cognizant

Feb 2022 - Aug 2022

Program Analyst Intern

Pune, India

- Developed 20+ RESTful APIs with Spring Boot and SQL while implementing 10+ React enhancements, improving reliability by 18%
- Accelerated sprint delivery by 2 days and reduced cycle time by 28% through active participation in Agile ceremonies and code reviews
- Enhanced team efficiency by 20% through improved technical documentation and knowledge sharing initiatives

### Rentmart IT Services PVT LTD

Jun 2021 - Dec 2021

Software Engineer Intern

Nagpur, India

- Built scalable Java backend components using OOP principles, supporting a 25% increase in client capacity
- Delivered full-stack features using Java, MySQL, and Git in a collaborative environment, ensuring 95%+ code quality through testing

## EDUCATION

### Northeastern University, Boston - College of Engineering

Apr 2025

M.S., Computer Software Engineering

- **GPA:** 3.6/4.0
- **Coursework:** Object Oriented Design, Web Design & UI/UX, Enterprise Software Design, Algorithms, Design Patterns

### Yeshwantrao Chavan College of Engineering, Nagpur, India

Aug 2022

Bachelor of Engineering, Computer Technology

- **Coursework:** Object Oriented Design, Data Structures, DBMS, Web Technologies, Artificial Intelligence

## ACADEMIC PROJECTS

### Wanderwise App | [Github](#)

Jun 2025

#### Tech Stack: React, Node.js, MongoDB, OpenAI GPT-3.5, Docker

- Built full-stack AI-powered travel planner generating custom itineraries in under 2 seconds using GPT-3.5 API integration
- Developed multi-step form interface with React Hooks and SCSS, implementing input validation and state management
- Containerized application with Docker Compose for seamless deployment across development and production environments

### Employee Management System | [Github](#)

Apr 2024

#### Tech Stack: Spring Boot, Hibernate, AWS, Terraform, GitHub Actions

- Engineered Spring Boot microservice with RESTful APIs supporting secure CRUD operations and JWT/RBAC authentication
- Automated AWS infrastructure deployment using Terraform and CI/CD pipelines with GitHub Actions
- Implemented AWS CloudWatch monitoring reducing mean time to detection (MTTD) to under 5 minutes for production incidents

### Centwise App | [Github](#)

Dec 2023

#### Tech Stack: React, Redux, Next.js, Node.js, Express, MongoDB

- Architected modular React frontend using component-driven development with Redux for centralized state management
- Built and tested 25+ RESTful and GraphQL APIs with Node.js/Express, implementing JWT and OAuth 2.0 authentication
- Integrated email functionality with Nodemailer and validated all endpoints using Postman to ensure zero critical bugs at launch