

ATHARVA HANKARE

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EDUCATION

Northeastern University, Boston MA

Expected Jun 2026

Master of Science in Software Engineering Systems

Relevant Coursework: Object Oriented Design, Data Management and Database Design, Enterprise Software Design

Mumbai University, Mumbai INDIA

May 2022

Bachelor of Engineering in Computer Engineering

Relevant Coursework: Analysis of Algorithms, Distributed Computing, Cryptography and System Security

SKILLS

Frontend: React, Next.js, JavaScript (ES6+), TypeScript, Redux, HTML, CSS

Backend: Java, Spring Boot, Spring MVC, Hibernate, Kotlin, Redis, Microservices Architecture

Databases: MySQL, PostgreSQL, MongoDB

Cloud & DevOps: AWS (ECS, S3, Lambda, RDS), Docker, GitHub Actions, Jenkins, Kubernetes, Terraform

Tools: JUnit, JWT, Postman, Mockito, Git, JIRA, Figma

EXPERIENCE

Ribbon Communications | Westford, MA

September 2025 – Present

Software Engineer Co-Op

- Researching and developing Agentic AI systems in the AWS cloud, focusing on scalable, intelligent, and autonomous architectures using cloud-native tools and services.
- Automating migration of the Ribbon Cyber lab to production and other AWS environments, enabling easy replication of infrastructure and streamlined deployment of microservices.

LTIMindtree | Mumbai, INDIA

September 2022 – June 2024

Software Engineer

- Developed a cloud-native premium calculation engine using Java, Spring Boot, and RESTful APIs, scaling to 3,000+ concurrent users through Redis caching and asynchronous processing.
- Built and deployed a secure enterprise chatbot system using Java and Spring Boot, reducing user resolution time by 15% by implementing OAuth2 and JWT-based authentication with token expiration, encryption, and RBAC controls.
- Implemented CI/CD pipelines using GitHub Actions and Jenkins to automate build, test, and deployment of containerized services on AWS ECS, accelerating release cycles and improving deployment reliability.
- Managed cloud infrastructure for containerized services using AWS RDS, S3, and Docker, improving system resilience and streamlining environment provisioning in coordination with DevOps and QA teams.
- Increased user engagement by 20% by designing dynamic internal dashboards using React and Spring Boot, integrating WebSockets, Axios, and Chart.js to deliver real-time performance insights.

Software Engineer Intern

June 2022 – September 2022

- Developed core features for an internal training system using React, Spring Boot, and RESTful APIs, reducing operational turnaround time by 20% and streamlining collaboration between engineering and training teams.
- Built an internal admin dashboard using React and Chart.js to track user progress, quiz completion rates, and training module usage, enabling data-driven improvements to training content.
- Collaborated with senior engineers, QA analysts, and product managers in Agile sprints to refine requirements, conduct peer reviews, and ensure timely delivery of features for the internal training platform.

PROJECTS

TripSync | Java, Spring Boot, React.js, TypeScript, MySQL, Docker

March 2025

- Built a full-stack travel itinerary management application with Spring Boot, React, and MySQL, enabling users to log, manage, and track trip activities.
- Designed an intuitive interface for managing trips, accommodations, and activities using React and Tailwind CSS.

TalentCove | Spring Boot, React, TypeScript, Tailwind CSS, MongoDB, OAuth2

February 2024

- Developed a scalable, cloud-ready talent management platform using Spring Boot and MongoDB, integrating Spring Security with OAuth2 and RBAC for secure authentication and role-based access control.