

Harsha Nandini Seerapu

Software Development Engineer

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Profile Summary

An enthusiastic full-stack Java software developer, an adept coder, a keen architect of systems, a strategic thinker with a focus on learning latest industry trends. Good in analytical skills, communication skills and inter-personal skills.

Skills, Tools and Technologies

Languages:	Core Java, JavaScript, TypeScript, J2EE, Python 3, C
Frameworks:	Spring Boot, Hibernate, Node JS, ReactJS, AngularJS, Vue.js, Express JS
Web Technologies:	HTML5, CSS3, SASS, RESTful APIs, SOAP
Databases:	SQL, PL/SQL, MySQL, PostgreSQL, MongoDB, Cassandra
Version Control:	Git, SVN, BitBucket, GitLab
Build Tools:	Maven, Gradle
Testing:	Junit, Selenium
DevOps & Cloud:	Kubernetes, Docker, Jenkins, GitLab CI, Azure
Programming skills:	OOPs (Object Oriented Programming), Functional Programming, Algorithms and Data Structures
Soft skills:	Problem solving, Collaboration, Communication, Adaptability, Project Management

Professional Experience (7 months)

1. **Yalamanchili Software Exports, Visakhapatnam – Software Development Trainee (Onsite Fulltime)** – Presently working – Apr 2024 till date

Responsibilities:

- Full-Stack Development:** Developed and maintained both front-end and back-end components using Java, Spring Boot, ReactJS, and Node.js, contributing to the architecture and scalability of the banking application.
- Feature Implementation:** Implemented new features and functionalities for the banking app, ensuring alignment with client requirements and banking industry standards.
- Technical Documentation:** Authored and maintained comprehensive technical documentation, facilitating smoother onboarding and knowledge sharing among team members.
- Cross-Functional Collaboration:** Collaborated closely with business analysts, UI/UX teams, and product owners to gather requirements and ensure the successful delivery of features.
- DevOps and CI/CD:** Supported deployment pipelines by integrating Docker, Kubernetes, Jenkins, and GitLab CI, helping streamline the development-to-deployment process.
- Database Management:** Designed and optimized database schemas for both SQL and NoSQL databases (MySQL, PostgreSQL, MongoDB), ensuring efficient data storage and retrieval for banking operations.

2. **Technohacks EduTech, Mumbai – Web Developer Intern (Remote)** – 1 month – from Aug 2023 to Sep 2023

Responsibilities:

- Developed a dynamic web page for e-commerce platform.
- Developed a login page with browser verification.
- Designed and developed an interactive ball game.

External Projects

- E-commerce Platform** | Java, Spring Boot, Hibernate, Angular, MySQL ([source](#))
User authentication, product listings, shopping cart, payment integration
- Social Media App** | Java, Spring Boot, MongoDB, React, WebSockets ([source](#))
Real-time updates, user profiles, post creation
- Learning Management System** | Java, Spring Boot, PostgreSQL, Angular, Docker ([source](#))
Course management, quizzes, progress tracking
- Task Management Tool** | Java, Spring Boot, MySQL, Vue.js, Jenkins, Docker ([source](#))
Task creation, status updates, team collaboration, agile system
- Real-Time Chat App** | Java, Spring Boot, WebSockets, React, MongoDB ([source](#))
Real-time messaging, chat rooms, private messaging
- Plagiarism Checker** | Python3, Streamlit, Transformers, Deployment ([source](#), [demo](#))
Offline plagiarism checking, ranking and reranking, fast text processing
- Battleship Game** | JavaScript, DoM, Events, User Interface ([source](#), [demo](#))
Dynamic design, User Interaction, Event handling

Key Certifications

1. Data Analytics Foundations – Google.
2. Introduction to Programming using Python – Microsoft.
3. Azure AI Fundamentals – Microsoft.
4. Elements of AI – University of Helsinki.
5. Oracle Certified Foundations Associate – Oracle.
6. Analytical and Soft Skills – Dr.Lankapalli Bullayya College of Engg.

Education

B.Tech Computer Science Engineering, Dr.Lankapalli Bullayya College of Engineering, Andhra University, 2020-2024, 8.34CGPA

Intermediate MPC, Sri Chaitanya Junior College, 2018-2020, 9.01 GPA

10th CBSE, Sri Krishna Vidya Mandir, 2017-2018, 83%

Interests

Painting, Dancing