USHA SRI PONAKA

Email: ponakaushasri@gmail.com | **Phone**: 8897044102 | **Github:** https://github.com/ushasri3110
LinkedIn: https://www.linkedin.com/in/usha-sri-ponaka-ba6453296/

ABOUT ME

Aspiring Java Developer and 3rd-year Computer Science (AI) student with a strong foundation in Data Structures, Algorithms, and Object-Oriented Programming. Skilled in Java, Spring Boot, and SQL, with experience in developing scalable applications through academic and personal projects. Eager to apply my problem-solving skills in real-world software development and continuously learn best practices in backend engineering.

EDUCATIONAL QUALIFICATIONS

B Tech in Computer Science & Engineering (AI)   2022-2026
Amrita Vishwa Vidyapeetham, Amaravati, India

- GPA: 9.62/10.0

Intermediate   2020-2022
Narayana Junior College, Kavali, India

- MARKS: 976/1000

TECHNICAL SKILLS

- **Programming Languages:** Java, Python
- **Web Technologies:** HTML, CSS, JavaScript, React
- **Database Management:** MySQL, MongoDB
- **Frameworks & Libraries:** Tailwind CSS, Spring Boot
- **Other Skills:** Data Structures, Algorithms, Object-Oriented Programming (OOP)

PROJECTS

1. Encrypted Real-Time Messaging Platform
Duration: 1 month

- Developed a secure chat application using **ReactJS, Redux, and TailwindCSS**, creating a responsive and intuitive user interface
- Implemented **RSA end-to-end encryption** to ensure comprehensive message security and privacy protection

- Integrated **WebSocket technology** for real-time, bidirectional communication with instantaneous message delivery
- Constructed a robust backend using **Spring Boot and Spring Security** to manage user authentication and secure message storage

INTERNSHIPS AND LIVE PROJECTS

Full Stack Develpoment Intern, Infosys (Remote)
Duration: 2 months (Nov 2024 – Jan 2025)

- Developed a comprehensive **Community Management System** using **ReactJS, Redux, TailwindCSS, and Material-UI** to create an intuitive platform for resident and administrator interactions.
- Architected a scalable **microservices backend** with **Spring Boot and MySQL**, optimizing community management and operational efficiency.
- **Integrated Razorpay payment gateway** to facilitate secure and streamlined monthly maintenance bill payments
- Implemented **role-based access control** to enhance system security and provide tailored user experiences for residents and administrators.

CERTIFICATIONS

- **Introduction to JAVA** - Coding Ninjas (Jul 2023)
- **Data Structures in JAVA** - Coding Ninjas (Nov 2023)
- **Front End Development** - Coding Ninjas (Oct 2023)
- **Java Spring Framework 6 With Spring Boot 3** - Udemy (Dec 2024)
- **Python Fundamentals** - CIR (Amrita Vishwa Vidyapeetham) (Mar 2024)

TECHNICAL INTERESTS

- Java Development
- Full Stack Web Development
- Frontend Development
- React.js Development

AWARDS AND ACHIEVEMENTS

- **Winner** of the 2024 Daily Programming Challenge conducted by Wisdom Sprouts IT Training Hub.

LANGUAGE PROFICIENCY

- **English** (professional)
- **Telugu** (Native)
- **Hindi** (conversational)