Pallavi Sangem

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SKILLS

Programming Languages: Java, **SQL**
Frontend: HTML, CSS, **Javascript**, **React**
Backend: Spring Boot, REST APIs, JWT Authentication, **Hibernate**
Tools & Platforms: Git, GitHub, Postman, Eclipse, VS Code
Core Concepts: OOPs, **DSA**
Soft Skills: Adaptability, Collaboration, Problem-Solving

INTERNSHIP EXPERIENCE

Infosys Springboard   Sept 2025 – Present
Java Full-Stack Developer Intern   Remote
- Currently working on **AI-driven Adaptive Learning and Exam Generator Project** using Java, Spring Boot, React, and REST APIs.
- Developed modular and optimized components for web applications, ensuring scalability and efficient API handling .
- Implemented secure authentication and authorization mechanisms using **JWT**.
- Collaborated in Agile environment, writing **unit tests and debugging** Spring Boot services for reliability.

PROJECTS

GadgetBuddy – AI-powered Gadget Explorer | *React, Spring Boot, MySQL, Gemini API, JWT, Razorpay*
- Built a full-stack app with **JWT authentication** and **Spring Boot**, handling **50+ concurrent API requests**.
- Integrated NLP-Powered **Gemini API**, processing **500+ tokens per query** for recommendations.
- Implemented **Razorpay** for secure checkout, processing.
- Delivered a **scalable, optimized solution** with React and Spring Boot, improving response and load by **20%**.

StayOnTrack – Intelligent Activity Monitor | *Spring Boot, React*
- Built a full-stack activity monitor with **Spring Boot** and **React**, tracking **20+ users** in real-time via WebSockets.
- Collected and processed user activity data, monitoring app usage, window titles, and browser activity with privacy controls.
- Developed an analytics dashboard showing **5+ interactive visualizations** for productivity trends.
- Implemented a **scalable, modular architecture** with REST APIs and WebSockets, supporting multiple users efficiently.

OPEN SOURCE CONTRIBUTION

JWOC Mentee – Research-Nexas: Contributed to open-source project "Unify" by improving UI responsiveness and accessibility.

CERTIFICATIONS AND ACHIEVEMENTS

Java Certification – Infosys Springboard: Hands-on experience in OOP and core Java concepts.

React – Udemy: Certified in modern React development (Redux, Hooks, dynamic UIs).

LeetCode, Hackerrank – 200+ Problems Solved: Improved problem-solving and algorithmic skills.

EDUCATION

Kakatiya Institute of Technology and Science, Warangal   2022 – 2026
Bachelor of Technology in Computer Science and Engineering   **CGPA: 9.23**
Sri Chaitanya Junior College   2020 – 2022
Intermediate (MPC)   **99%**