Priyanshu Bhushan Dutt

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SUMMARY

Highly motivated Java developer skilled in building full-stack applications with Spring Boot, React, and MySQL. Experienced in designing REST APIs, client-server communication systems, and IoT network simulations. Strong problem-solving foundation with proficiency in Data Structures and Algorithms, and additional knowledge in Artificial Intelligence and Machine Learning.

Skills

TECHNICAL SKILLS

Java, Spring Core, Spring Boot, React, HTML, CSS, JavaScript, MySQL, REST APIs, OAuth 2.0, Microservices, Spring Security, Git, Contiki, WebSocket, Postman

PROFESSIONAL SKILLS

Accountability, Team Collaboration, Problem Solving, Adaptability

Projects

Multi-Client Chat Using Sockets   Dec 2024 – Jun 2025

- Built a multi-threaded server supporting simultaneous connections from multiple clients.
- Implemented real-time chat and image transfer using TCP sockets and byte streams.
- Designed a robust system allowing clients to connect and disconnect seamlessly.

Detection and Mitigation of DIS Flood Attack in RPL-based Network   Jan 2024 – Jul 2024

- Developed a simulation in Cooja to model a DIS flooding attack in an RPL-based IoT network.
- Implemented detection logic to identify abnormal DIS message patterns using threshold-based filtering.
- Designed and integrated a mitigation strategy that reduces malicious traffic by over 80% of the time without disrupting legitimate node communication.

Experience

Intelligent CA Customer Portal for GMR and Associates   Aug 2025 – Present

- Developing RESTful APIs using Spring Boot with JWT-based authentication for customer and admin dashboards.
- Implementing CRUD operations with secure database integration for efficient data management.
- Integrating AI-powered chatbot APIs to automate client queries and enhance system responsiveness.

Education

Bachelor of Technology in Computer Science   Aug 2022 – Jun 2026

Jaypee University of Information Technology, Waknaghat, Solan, HP   CGPA: 8.01

Strong academic foundation in core CS subjects: OOPs, DBMS, OS, and Computer Networks.

Completed key projects using Java, Spring Boot, React, Cooja, and Linux.

Active participant in various hackathons and coding contests.

Additional Information

Certifications & Awards

TUF+ DSA Course

Java Full Stack Code For Success course

Internshala ML Training Certificate

Internship: Completed an internship program at CFS Private Limited from 25 June - 24 August, gaining exposure to backend development and Spring project workflow.