

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, JDBC, JPA, Microservices architecture, Git, WebSocket, Postman, SDLC, Agile fundamentals.

PROFESSIONAL SKILLS

Problem Solving, Communication, Accountability, Team Collaboration, and 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 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

Sep 2025 – Present

- Developing RESTful APIs using Spring Boot with basic authentication for customer and admin dashboards.
- Implementing CRUD operations using JPA for efficient data storage and retrieval.
- Integrating AI-powered chatbot APIs to automate client queries.

Backend Development Intern at CFS Private Limited

Jun 2025 – Aug 2025

- Worked on the backend of the BookMyMovie project using Spring Boot and MySQL, focusing on designing and implementing RESTful APIs for movie booking.
- Understood different stages of software development, including requirement analysis, API design, testing, and integration to ensure smooth backend functionality and modular structure.
- Gained basic understanding of CI/CD pipelines for automating the build and deployment process.

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 OOP, DBMS, OS, and Computer Networks.

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

Additional Information

Certifications & Awards

TUF+ DSA Course

Java Full Stack Code For Success course

Internshala ML Training Certificate