Dipak Kurmi

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Summary

Enthusiastic Java Full Stack Developer with experience in building dynamic and scalable web applications using Spring Boot, React, and MongoDB. Adept at designing efficient backend systems, developing intuitive user interfaces, and implementing real-time communication features. Passionate about solving complex problems, collaborating in agile environments, and delivering impactful digital solutions.

Skills

Programming Languages: Java, Python(Basic)

Library and Frameworks: Spring Boot, React.js, Node.js, JDBC

Web and Mobile Development: Android Development (Basic), HTML, CSS

Databases: MySQL, MongoDB

Development Tools: Git, GitHub, Google Colab

Computer Science Fundamentals: Data Structures, Threading Models, Operating System Concepts, Networking, REST API

Soft Skills: Fast Learner, Leadership, Communication, Team-Oriented, Innovative Thinker, Problem Solving Skills

Education

Jain (Deemed-to-be University) CGPA: 8.6/10.0 — Karnataka - 562112
B.Tech in Computer Science and Engineering — *2022 – Present*

Sai Global Secondary School (GPA: 2.75/4.0) — Rupandehi, Nepal
+2 in Science and Mathematics (NEB Board) — *2020 – 2022*

Silautiya Bageshwari Boarding School (GPA: 4.0/4.0) — Rupandehi, Nepal
10th Grade (NEB Board) — *2020*

Projects and Work Experience

Real-Time Chat Platform — May 2025 – June 2025
Full Stack Java Project — *Spring Boot, React, WebSocket, Tailwind CSS*

• Built a real-time messaging app using WebSocket, enabling sub-second communication for multiple concurrent users.

• Managed sessions and chat state using React Context API with RESTful API integration.

• Designed a responsive UI with authentication, message history, and toast notifications.

EduLearn — Aug 2022 – Dec 2022
Full-Stack Web Development Project — *HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, JWT*

• Developed a fully responsive online learning platform with course enrollment, progress tracking, and certificate generation and used by 20+ users.

• Developed secure backend services with JWT authentication, course and user management APIs, and integrated an AI-powered chatbot to assist learners in real time

• Added smart features like personalized dashboards, progress visualizations, learning streaks, reminders, and social sharing to boost engagement and retention

Research Publications

"Design and Implementation of an AI-Powered Decision Support System for Smart Farming" — IEEE World Skills Conference (WorldSUAS 2025), Aug 2025.

Certifications

• Java FullStack Developer Specialization – Board Infinity (Coursera), Issued: April 13, 2025 | Certification Link

• Linux Fundamentals – LearnQuest (Coursera), March 2023 | Certification Link

• Java Database Connectivity (JDBC) Introduction – LearnQuest (Coursera)| Certification Link