

# NEHA KUMARI

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## SUMMARY

Dedicated Computer Science Engineering student with hands-on experience in dynamic web application development using PHP, JavaScript, MySQL. Proficient in creating custom themes and working with REST APIs and Git. Strong understanding of SQL, RDBMS, and scripting for application support. Eager to contribute to customer-facing, support-oriented environments with excellent troubleshooting skills and teamwork.

## EDUCATION

### Specialization: Software Engineering

Graduating June 2026

Bachelor of Technology in Computer Science Engineering  
Chandigarh University

Relevant coursework: Web Technologies, Data Structures, Computer Networks, DBMS, Software Engineering

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, PHP, HTML5, CSS3, SQL

**Web Development:** REST APIs, MySQL, Git

**Tools & Frameworks:** React.js, MongoDB, Spring Boot

**Support & Monitoring:** RDBMS (MySQL, Oracle), Log Analysis, Application Debugging

## KEY PROJECTS

### TaskPulse Manager (Full Stack Web App)

Mar 2024 – Apr 2024

A modular task management app simulating real-world Agile workflows.

- Developed a full stack web application using React.js, Node.js, Express, and MongoDB.
- Implemented user authentication, Kanban board UI, and real-time task updates with socket.io.
- Used Git and GitHub for version control and collaborated via branches and pull requests.
- Followed Agile development methodology and deployed the project on Render.

### DevConnect Backend API (Java + Spring Boot)

Jan 2024 – Mar 2024

RESTful API for a developer networking platform built with Spring Boot.

- Designed scalable REST APIs using Spring Boot and MySQL for user profiles, posts, and messaging.
- Implemented JWT-based authentication and role-based access control for security.
- Wrote modular services and DAO layers using Spring JPA and Hibernate ORM.
- Performed testing with Postman and JUnit for unit and integration test cases.

### HealthPlus Dashboard (Python + Flask)

Aug 2023 – Oct 2023

Responsive health monitoring dashboard with real-time chart visualizations.

- Built a Python Flask backend to process patient data and render health metrics using Chart.js.
- Used SQLite for local storage and implemented secure login with session-based auth.
- Deployed the project using Gunicorn and Nginx on Ubuntu with CI/CD setup.

## ACHIEVEMENTS & PUBLICATIONS

### Implementation of Models for Demand Forecasting for e-Commerce using Time Series Forecasting

Published in IEEE — highlighted advanced data modeling for e-commerce scenarios.

### Solved 200+ problems on LeetCode

Enhanced algorithmic thinking, data structure implementation, and coding proficiency.

### Solved 150 problems on GeeksforGeeks

Top 1500 rank — reflecting advanced problem-solving and competitive programming skills.