Rajendra Chaudhary

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Career Objective

Computer Science undergraduate seeking a **Software Engineer Intern** role. Strong foundation in **Java, object-oriented programming, and core computer science concepts**. Hands-on experience in full stack development through academic and personal projects, with a strong interest in writing clean code, debugging problems, and learning how scalable software systems are built.

Target Job Role

Software Engineer Intern

Technical Skills

- **Programming Languages:** Java, Python, JavaScript
- **Web Technologies:** HTML, CSS, React.js
- **Backend Development:** Node.js, Express.js, REST APIs
- **Databases:** MySQL (basic queries), MongoDB
- **Computer Science Fundamentals:** Object-Oriented Programming, DBMS, Operating Systems, Computer Networks, Data Structures (basics)
- **Software Practices:** Debugging, basic testing, version control

Tools & Technologies

Git, GitHub, VS Code, MongoDB Atlas, Linux (basic command line), Agile and Scrum fundamentals, SDLC concepts

Projects

Smart Blind Stick for Obstacle Detection — Embedded Systems

- Designed and developed an assistive device to help visually impaired users detect obstacles in real time.
- Used ultrasonic sensors to calculate distance and identify nearby objects.
- Integrated buzzer and vibration alerts to notify users about obstacles.
- Implemented an SOS button to send emergency messages and initiate real-time calls to predefined contacts.

Virtual Assistant Web Application — React.js, Node.js, Express.js, MongoDB

- Built a web-based virtual assistant that responds to user queries through a simple interface.
- Developed backend APIs using Node.js and Express.js.
- Stored and managed conversation data using MongoDB.
- Focused on clean routing, structured code, and basic error handling.

Education

Bachelor of Engineering (B.E.) – Computer Science Engineering
Chitkara University, Himachal Pradesh   CGPA: 8.93 / 10

Class X (Secondary School)
Aishwarya Vidya Niketan, Nepal   CGPA: 3.90 / 4.0

Achievements

- Won trophies and medals in inter-school and college-level sports competitions including **Football, Badminton, and Volleyball**.
- Represented teams in competitive matches, demonstrating teamwork, discipline, and leadership.
- Actively participated in college-level technical events, coding activities, and group-based academic projects.