Rajendra Chaudhary

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Professional Summary

Software Engineer with a strong foundation in **JavaScript, React.js, Node.js, and full stack development**. Experienced in building scalable and maintainable web applications, optimizing workflows, and improving product efficiency. Skilled at problem-solving, debugging complex issues, and collaborating effectively in fast-paced startup environments. Passionate about creating software that has a measurable impact, focusing on both user experience and business value.

Target Role

Software Engineer at Procol — eager to contribute to the automation of procurement workflows, enhance system efficiency, and help build reliable, secure, and user-friendly platforms. Looking to work closely with product and design teams to implement innovative features that deliver real impact to enterprise users.

Technical Skills

- **Languages:** JavaScript (ES6+), Python, Java
- **Frontend:** React.js, HTML5, CSS3, Responsive Design, Material-UI
- **Backend:** Node.js, Express.js, REST APIs, Middleware
- **Databases:** MongoDB, MySQL, Data Modeling, Query Optimization
- **CS Fundamentals:** Data Structures, Algorithms, System Design, OOP, DBMS, Operating Systems
- **Tools & DevOps:** Git, GitHub, CI/CD basics, Linux commands, Postman, Agile/Scrum

Projects

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

- Developed a full stack web app to respond dynamically to user queries with a clean, intuitive interface.
- Designed and implemented RESTful APIs for request handling and business logic.
- Managed data persistence with MongoDB, ensuring efficient storage and retrieval of conversations.
- Implemented error handling, logging, and routing improvements to increase system reliability.
- Collaborated with peers to optimize UI performance and enhance user experience.

Smart Blind Stick for Obstacle Detection — Embedded Systems

- Designed an assistive device to help visually impaired users detect obstacles in real time.
- Integrated ultrasonic sensors for accurate distance measurement and object detection.
- Implemented buzzer alerts, vibration feedback, and an SOS messaging system for emergency situations.
- Tested and refined device to maximize reliability, response speed, and usability in real-world conditions.
- Documented design and implementation processes, ensuring maintainability and scalability.

Education

B.E. – Computer Science Engineering
Chitkara University, Himachal Pradesh — CGPA: 8.93 / 10

Class X
Aishwarya Vidya Niketan, Nepal — CGPA: 3.90 / 4.0

Achievements

- Won multiple trophies in **Football, Badminton, Volleyball** at inter-school and college levels.
- Actively contributed to group projects, hands-on technical events, and hackathons.
- Demonstrated leadership, teamwork, and discipline in both sports and technical collaborations.