

Priya Gupta

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Summary

Software Development Engineer with hands-on experience building full-stack web applications using React and Node.js. Strong foundation in JavaScript, data structures and OOPs, with experience delivering scalable web solutions. Focused on writing clean, maintainable code, debugging issues, and solving real-world engineering problems through strong fundamentals and collaboration.

Technical Skills

Programming Languages: Java, JavaScript, Python.

Frameworks & Web Development: React.js, Node.js, Express.js, HTML, CSS.

Databases: MySQL, MongoDB, Firebase.

Problem Solving: Data Structure and Algorithm, Object-Oriented Programming (OOPs).

Tools & Cloud: Git, Github, Postman, AWS, Jupyter, Google Colab.

Machine Learning: Random Forest, YOLOv8, MediaPipe, Pandas, NumPy.

Projects

VIT Sapaadu - Food Ordering Web App

[Link](#)

- Developed backend services using Node.js, Express.js, and MongoDB to handle user authentication, order management, and CRUD operations.
- Designed database schemas and REST APIs to support scalable data flow between frontend and backend.
- Implemented secure authentication and authorization, ensuring protected access to application resources.

Fall Detection and Prevention for Elderly Members using AI

[Link](#)

- Built a real-time fall detection system by integrating ML models into an application pipeline.
- Implemented the complete data flow required to process inputs and generate real-time prediction results.
- Achieved 84%+ accuracy and structured the system for future cloud or IoT integration.

Experience

Freelancer - Web Developer | Remote

Sept, 2022 – May, 2024

- Built responsive web applications using React.js, JavaScript, HTML, and CSS.
- Integrated frontend components with backend APIs and databases to enable dynamic functionality.
- Worked directly with clients to gather requirements, debug issues, and deliver production-ready solutions.

Web Developer Intern - Unboxing Art, Nagpur

May, 2022 – July, 2022

- Developed and maintained company websites with React.js and Bootstrap, improving user retention.
- Integrated Firebase for real-time data sync, user authentication, and storage.
- Collaborated with senior developers to improve UI/UX and implemented feedback-driven enhancements.

Education

Master of Computer Applications - Vellore Institute of Technology, Chennai.

2024 – Present

- CGPA: 8.79

Bachelor of Computer Applications - Symbiosis Institute of Computer Studies and Research, Pune.

2019 – 2022

- CGPA: 7.33

Certifications

Cloud Computing - Proficient in cloud deployment & infrastructure management (AWS).

Hack-N-roid - Ranked 26th out of 122 teams to develop an innovative MVP based on AI / ML in 24 hours under time constraints.