Yash Thakare

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PROFESSIONAL SUMMARY

Recent Computer Engineering graduate specializing in full-stack development with the MERN stack (MongoDB, Express, React, Node.js). I have hands-on experience building secure, responsive, and user-focused web applications from the ground up. I'm skilled in API integration, JWT authentication, and creating dynamic user interfaces with Tailwind CSS and Framer Motion. Passionate about leveraging AI to solve complex problems, I'm eager to contribute my skills to an innovative team as an entry-level software developer.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, Java, HTML5, CSS3
Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Tailwind CSS, ShadCN UI, Framer Motion
Databases: MongoDB, MySQL
Cloud & DevOps: Git, GitHub, Vercel, RESTful APIs, JWT, Postman
Tools & Technologies: Server-Side Rendering, PDFKit, Arduino, Selenium WebDriver, Gemini API, JSearch API

PROJECTS

PrepGenius | Full-Stack MERN Application with AI Resume Analysis Live   July 2025 – Present
- Developed career preparation platform using MERN Stack (MongoDB, Express.js, React.js, Node.js) with backend API development and database integration
- Built REST API services using Node.js and Express.js, implemented secure JWT authentication and password reset functionality
- Optimized AI response caching using SHA-256 hashing of resume inputs, reducing redundant Gemini API calls by 40%
- Implemented responsive frontend using React.js with Tailwind CSS, Framer Motion animations, and dynamic PDF export capabilities
- Achieved 30+ resume analyses in beta testing with 15+ active users, deployed using Vercel with MongoDB Atlas integration

FlexLingo: Sign Language Translation Glove | IoT & Machine Learning Live | GitHub   Jan – May 2025
- Built IoT smart glove with Arduino, flex sensors, and MPU6050 gyroscope to capture hand gestures for ASL recognition
- Developed and trained Random Forest machine learning model using Python, TensorFlow, and Keras, achieving 95% accuracy
- Processed real-time sensor data using Python to enable live gesture prediction from glove to web interface
- Created responsive web application using React and Tailwind CSS for real-time gesture visualization and feedback
- Led a 4-member team as Team Lead for this final-year engineering project, showcased at college tech fest

EXPERIENCE

Angular JS Developer Intern   Jan – Feb 2024
Navodita Infotech   *Remote*
- Developed a responsive weather application using AngularJS, JavaScript, HTML5, and CSS3, integrating OpenWeather REST API for real-time data and implementing dynamic UI themes
- Applied MVC architecture with JSON data manipulation, local storage, and geolocation services for enhanced user experience
- Gained hands-on experience in Git version control, frontend optimization, and full web development lifecycle

EDUCATION

Bachelor of Engineering in Computer Science and Engineering   2021 – 2025
P.E.S. Modern College of Engineering   *Pune, Maharashtra*
- CGPA: 7.59/10.0
- Relevant Coursework: Data Structures & Algorithms, Database Management, Operating Systems, Computer Networks, Software Engineering, Machine Learning, Web Technologies

CERTIFICATIONS

SQL (Intermediate): HackerRank, July 2025 | **Java (Intermediate)**: SoloLearn, July 2025