AYUSH DHIMAN

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🌐 Portfolio

Education

MVJ College of Engineering, Bangalore   *2020 - 2024*
Bachelor of Engineering in Computer Science and Engineering   GPA: 7.8

Technical Skills

- **Languages:** JavaScript, Python , SQL
- **Frontend:** React.js, React Native
- **Backend:** Node.js, Express.js, REST APIs, WebSockets
- **Databases:** PostgreSQL, MongoDB
- **Cloud & DevOps:** AWS Amplify, S3, EC2, ACM, AWS Lambda, API Gateway
- **Tools:** Git, Postman, VS Code
- **Additional Skills:** Cross-Platform Development & Deployment, Backend Deployment, Team Collaboration

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Experience

Full Stack Developer Intern | Space Energy Systems   *03/24 - 10/24*

- Developed a secure web application with authentication, authorization, and a scalable backend, improving system performance.
- Implemented Role-Based Access Control (RBAC) to restrict unauthorized.
- Built a file management system using AWS S3, leveraging pre-signed URLs to enhance file security and increase handling efficiency by 35%.

Software Developer | Connect 2 Construct   *11/24 - 5/25*

- Designed and deployed a high-performance cross-platform mobile application for iOS and Android using React Native, ensuring a seamless and consistent user experience.
- Developed scalable and secure features including AWS S3-backed file management, and real-time communication via WebSockets, enhancing functionality and security.

Projects

Task Master App | *Live Preview*   *2024*

- Built a full-stack application using React.js, Express.js, PostgreSQL, and Google OAuth.
- Implemented project creation, user management, and real-time chat with WebSockets
- Improved task management functionality, boosting processing speed by 25%.

AI Chatbot   *2025*

- Building an AI-powered chatbot using Python, FastAPI, and LLM model to handle user interactions efficiently.
- Focused on optimizing response generation and improving conversational accuracy through model fine-tuning.

Virtual Desktop Assistant   *2023*

- Developed a Virtual Desktop Assistant in Python with NLP capabilities, enabling voice and text interactions.
- Implemented API integrations for speech recognition, web search, weather updates, and task automation.

Certifications

- Web Development - Udemy
- Introduction to Python - Coursera