Ashish Kadu

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About Me

As a Master's in Computer Application student and Full Stack Developer intern at Lway Technologies, I specialize in building scalable web applications using the MEAN and MERN stacks, with expertise in AWS and Vercel deployments. My contributions to a live cab service platform, including payment history features and UI optimizations, have enhanced user experience and operational efficiency. Passionate about solving complex problems, I aim to deliver innovative solutions in a collaborative, fast-paced tech environment.

Education

MIT World Peace University , Master's in Computer Application, Pune, India — Aug 2023 – Present

- CGPA: 7.0/10
- Coursework: Cloud Computing, DevOps Fundamentals, Web Development, MongoDB, Django.
- Project: Developed an AI Interview Web Application using MERN Stack

Sinhgad College of Science and Technology , Bachelor's in Computer Science, Pune, India — Aug 2020 – Jun 2023

- CGPA: 8.55/10
- Coursework: Advanced and Core Java, Web Development Fundamentals, C, and Compiler Construction Fundamentals.
- Project: Developed Game Download Web Application using HTML, CSS and PHP

Experience

Software Developer Intern, Lway Technologies Pvt Ltd – Pune, India — Feb 2025 – Jun 2025

- Designed features for a rental cab service platform using the MEAN stack, achieving scalable deployments on AWS EC2 and S3.
- Developed Driver Payment History in the admin panel, integrating referral data for accurate balance calculations, and paging the list of data from the back-end for efficiency.
- Designed a 150–300 km outstation ride toggle feature with frontend validation. Written a code to pass 50+ test cases and edge cases with complex ride fare calculation for one-day and multiday trips, partial hours, and days calculation based on the ride's start and end time. Separate logic for toggle on and toggle off.
- Optimized admin panel UI with breadcrumb navigation and streamlined ride details, fixed the search functionality for both the user and the driver, and added debouncing to limit the frequency of function calls.
- Collaborated with CTO to test and deploy production code, fixing dispatcher errors and fare misconfigurations, ensuring robust platform performance.

Projects

NutriCare – Hospital Pantry Management Dashboard — GitHub

- Developed a hospital pantry management system from scratch using the MERN stack, enabling efficient diet tracking and task management for patient care, deployed on Vercel for seamless hosting.
- Built a Super Admin dashboard to manage patient data, assign diet plans, and schedule food preparation/delivery tasks (e.g., deliver fruits to Floor 4, A Wing, Room 420) for pantry staff.
- Created a Pantry Staff dashboard to view assigned tasks, patient conditions, and diet plans (e.g., oatmeal with no sugar for diabetic patients), with real-time status updates (Pending, In-Progress, Completed) using WebSocket-like functionality.
- Implemented an analytical dashboard to monitor task metrics (e.g., 6 completed tasks, 1 delayed), providing insights into pantry operations and staff performance.
- Integrated a secure login system with JWT tokens to ensure role-based access for Super Admin and Pantry Staff,

leveraging Vercel for simplified deployment and scalability.
- Tools Used: MongoDB, Express.js, React, Node.js, JWT, Vercel

InterviewPro – AI Powered Mock Interview Application   GitHub
- Developed an AI-powered mock interview platform using Next.js and Gemini API, enabling personalized interview practice with tailored questions and feedback, deployed on Vercel for scalable hosting.
- Implemented a dynamic question generation system, leveraging Gemini API to create role-specific technical and behavioral questions, enhancing user preparation for real-world interviews.
- Designed an interactive user dashboard with real-time feedback and performance analytics (e.g., response accuracy, fluency scores), utilizing Tailwind CSS for responsive UI and Vercel for deployment.
- Integrated secure user authentication with Clerk Auth, ensuring seamless and protected access to personalized interview sessions and progress tracking.
- Optimized platform performance by configuring serverless functions and caching, reducing question generation latency by 30
- Tools Used: Next.js, Gemini API, Tailwind CSS, Clerk Auth, PostgreSQL, Drizzle ORM, Vercel

Technologies

- **Proficient**: Java, JavaScript, TypeScript, Node.js, Express.js, MongoDB (Atlas And Compass), HTML, CSS, React, Angular, Next.js, Tailwind CSS.

- **Familiar**: Python, C, C++, MySQL, Prisma, Rapid API, JWT, Socket.io, Framer Motion, OpenAI 4.

- **Tools**: Git, AWS (EC2, S3, Essentials of the Cloud Practitioner), Google Cloud, Vercel, ShadCn UI, Clerk Auth

Certifications

- AWS Cloud Practitioner Essentials
- Google Cloud Computing Fundamentals and Generative AI
- Java Core and Advanced

Achievements

- Secured Global Rank 390 in TCS CodeVita Season 12 Round 2 (2024), outperforming 444,000+ participants from 94 countries in a prestigious coding competition, demonstrating advanced problem-solving skills.