Ashitosh Katale

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EDUCATION

Pimpri Chinchwad College of Engineering — Nigdi,Pune
Bachelor of Technology in Computer Engineering Grade:8.39 — Nov. 2022 – June 2026

Mahatma Gandhi Junior College — Manchar, Pune
Higher Sec. Certificate(XII) Percentage: 96.33 — May 2021

Shri Wakeshwar Vidyalay Peth — Peth, Pune
Secondary School Certificate(X) Percentage: 96.00 — May 2019

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, C/C++, HTML/CSS, R
Frameworks: Next.js, React Native, Expo, React.js, Node.js, Material-UI, Bootstrap, Tailwind CSS
Databases:MySQL, Oracle SQL, MongoDB
Developer Tools: Git, VS Code, IntelliJ, MySQL, RStudio,
Packages: Mongoose, Passport, EJS
Others: Map API, Gemini API, DSA, OOP, WebRTC, JWT

PROJECTS

NexCall | *React.js, WebRTC, Node.js, Express.js, MongoDB, Material UI, Git* — Sep 2024 – Oct. 2024
- Developed NexCall, a video calling web application, enabling real-time peer-to-peer video and audio communication using WebRTC.
- Implemented essential features such as screen sharing and in-call chat for a smooth user experience during video calls.
- Utilized MongoDB for data storage and integrated Material UI for a responsive and user-friendly interface.
- Deployed the application on Vercel for the frontend and Render for the backend.

VoyageAI | *React Native ,Expo ,Firebase ,Map API ,Gemini API , CSS, JavaScript, Git* — Sep. 2024 – Oct. 2024
- Developing a cross-platform AI-powered travel planner app using React Native and Expo for seamless performance
- Integrated Firebase for secure user authentication and real-time data management.
- Leveraged Map API to provide real-time route planning and geolocation services for user trip suggestions.
- Incorporated Gemini API to access and process location-based data for personalized travel itineraries.

StockWise | *React, Node.js, Express.js, MongoDB, REST APIs, JEST, Git* — August 2024 – Sep 2024
- Developing StockWise, a fully functional trading platform, using React for the front-end and Node.js for the back-end.
- Implemented secure user authentication with JWT and integrated APIs for real-time stock market data.
- Added chat functionality and data visualizations using Chart.js.
- Utilized Mongoose for MongoDB data modeling and Passport.js for additional authentication support.
- Incorporated unit and integration testing with Jest to ensure code quality and functionality.
- Included features like trading, portfolio tracking, and account management with a responsive UI.

WanderLust | *HTML, CSS, Node.js, Express.js, MongoDB, REST APIs, Git* — June 2024 – August 2024
- Developed a travel-based web application "Wanderlust" to help users discover, plan, and share travel experiences.
- Integrated APIs for real-time location data and render Map to enhance user trip planning.
- Implemented user authentication and session management with Passport.js for a secure user experience.
- Integrated dynamic templates with EJS for rendering personalized travel experiences and reviews.
- Used Mongoose for effective data modeling and to ensure smooth handling of travel plans, user-generated reviews, and location data.

CERTIFICATIONS

- Apna College Delta 3.0
- Simplilearn : Introduction to SQL