

RIDDHI CHAVAN

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EDUCATION

Mumbai University

Bachelor of Computer Science

Mumbai, India

July 2017 – July 2022

Somaiya College

Science (PCM)

Mumbai, India

August 2015 – May 2017

EXPERIENCE

Jacobs

Software Developer

September 2022 – Present

Navi Mumbai, India

- Developed a Vue.js single-page application, increasing user logins by 24% and significant app downloads within three months. Enhanced security and user experience with added authentication.
- Utilized Webpack and Babel for efficient module bundling and code transpilation, improving build processes and reducing deployment times by 25%.
- Engineered and deployed a high-impact application using Mendix, completing development in two months and expediting production deployment within one week.
- Provided development support for 6 internal enterprise applications using .NET and JavaScript.
- Debugged and resolved production issues, ensuring minimal downtime and optimal application performance.
- Collaborated with cross-functional teams to implement feature enhancements and bug fixes.
- Performed code reviews and optimized database queries using SQL Server for improved efficiency.

PROJECTS

Stock News Tracker | Next.js, Python, Tailwind CSS, API Integration

Mar 2024 – April 2024

- Developed a full-stack web application for aggregating and displaying real-time stock market news and data. (ridz111.pythonanywhere.com)
- Built responsive UI with Next.js and Tailwind CSS for seamless desktop and mobile user experience.
- Implemented Python backend services for processing financial data from multiple API sources.
- Created user-customizable watchlists for tracking stocks of interest with real-time updates.
- Designed data visualization components for clear presentation of stock performance metrics.
- Deployed the application on PythonAnywhere, showcasing full-stack deployment capabilities.

IndiWheels | React.js, Three.js, Tailwind CSS, Shadcn/ui, GitHub Pages

Nov 2024 – Jan 2024

- Developed a comprehensive Indian automobile showcase platform featuring detailed information on domestic car models and manufacturers. (riddhisc.github.io/IndiWheels)
- Implemented 3D visualization using Three.js with optimized GLB models, enabling interactive 360° viewing of vehicles with 40% faster loading times.
- Engineered a responsive interface with Tailwind CSS and Shadcn/ui components, ensuring consistent user experience across all device types.
- Built an advanced filtering system using React Context API allowing users to discover vehicles based on make, model, price range, features, and specifications.
- Created side-by-side comparison functionality for multiple vehicles, displaying detailed specifications and feature differences for informed decision-making.
- Implemented PWA capabilities enabling offline browsing of previously viewed vehicles and specifications.
- Established a structured API and JSON data architecture to dynamically fetch and display comprehensive vehicle information.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Python, SQL

Frameworks/Technologies: React, Vue.js, Next.js, Three.js, Tailwind CSS, Bootstrap, Material-UI, PWA, REST APIs

Developer Tools: Git, VS Code, Webpack, Vite, Figma, Chrome DevTools, Azure DevOps