Manu Rajbhar

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Relevant Links: LinkedIn| **GitHub** | **Portfolio**
Programming: JavaScript, TypeScript, Swift, Objective-C, C++, Python, Rust, Java
Web & Database: HTML, CSS, SCSS, MongoDB, Firebase, Airtable
Frameworks: ReactJS, Next.js, Bootstrap, Swift UI, Express.js, AR Kit, CoreML
Tech: Git, Postman, IntelliJ, PyCharm, Docker, VSCode , XCode
Language: English & Hindi

Education

Graphic Era Hill University	**Expected - June 2026**

Bachelor of Technology in Computer Science and Engineering
 Relevant Coursework: Java, C++ OPPs, Web Programming , DSA , Python, Graphic Design , Problem Solving

Projects

Smart India Hackathon.	**2023**

E-waste facility locator - GitHub
• Led team of 6: organized meetings, delegated tasks, helped teammates debug, etc.
• Implemented the entire login system to allow **CRUD** operations on the user list (**Next.js, Redux, Firebase, HTML   CSS, Framer motion**).
• Designed the overall website concept/layout, implemented responsive home & product pages and presentation.

Image Recognition Application(iOS) - GitHub	**2023**

• Accomplished the development and implementation of image recognition algorithms using CoreML library
• Designed a user-friendly interface for ease of use.
• Integrated Core ML and Vision frameworks to perform real-time image classification and object detection.

Expense Tracker - GitHub	**2023**

• Implemented user authentication and authorization using Firebase, allowing users to securely log in and manage their financial data.
• Accomplished a responsive and user-friendly web application for tracking income and expenses.
• Designed a feature that enables users to daily remind them to update their expenses
• Developed a dashboard with dynamic data visualization with graphs, including monthly expense or weekly expense.
• Utilized Redux to manage global state, enhancing the application's performance and user experience.
• Integrated Framer Motion to add smooth insert animations.

Dino Cards(iOS) - GitHub	**2023**

• Implemented augmented reality features using ARKit to enable real-time detection and rendering of 3D dinosaur models when the camera identifies specific dinosaur trading cards.
• Developed a user-friendly interface for users to interact with the AR experience and in integrated background music Inspired by **Jurassic Park Movie.**

Team Projects and Leadership

Next Coffee - GitHub	**2023**

Nearby Coffee Stores Finder
• Led team of 3: organized meetings, assisted each other to design and develop a responsive and user-friendly interface with interactive stores list and their details.
• Leveraged the **Foursquare API** to fetch data on nearby coffee stores, including details such as name, address, and ratings with browser's geolocation API to obtain the user's current location.
• Used the Unsplash API to dynamically load fake images related to each coffee shop, enhancing visual appeal.
• Implemented the Context API to efficiently manage and share state across various components, ensuring a seamless user experience.
• Utilized Next.js for **server-side rendering (SSR)** to improve the website's performance and SEO.

Certifications

Course: iOS & Swift - The Complete iOS App Development Bootcamp by Angela Yu
• Key Skills: Swift, MVVM, AR Kit, Swift UI

Course: Complete React Developer in 2023 (w/ Redux, Hooks, GraphQL by Zero to Mastery
• Key Skills: React, Redux, TypeScript, Context API, Firebase, GraphQl