

VAIBHAV RAJANI

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EDUCATION

Syracuse University | M.S. in Computer and Information Sciences | CGPA: 3.6/4

August 2022 - Present

University of Mumbai | B.E in Information Technology | CGPA: 8/10

August 2018 - May 2022

TECHNICAL SKILLS

- **Programming languages:** Java, JavaScript, Kotlin, C++, C#, Swift, Python, R, SQL, Haskell
- **Frameworks:** React.js, Angular.js, Node.js, Django, Jenkins, Flutter, Firebase, RESTful APIs
- **Software and tools:** Android Studio, Xcode, Docker, Git, Postman, AutoCAD, Tableau, Unity
- **Project Management Tools:** Jira, Confluence, Miro, Trello
- **Certifications:** iOS Development, Web Developer Bootcamp, Android Development using Kotlin, MySQL Bootcamp

PROFESSIONAL EXPERIENCE

Empower Equity | Software Development Intern | Ithaca, NY, USA

May 2023 – Present

- Assisting in the migration of the mobile app from its 2.0 to 3.0 build, using Flutter, Dart, and SQLite to build their application
- Collaborating with the web team working with REACT, Python, and Django to ensure seamless integration and cross-platform compatibility. Utilizing Amazon S3 buckets and Custom API builds to enhance app functionalities
- Contributing to the development of new features and bug fixes, actively participating in code reviews and testing processes

Cuemath | Programming and App Development Division | Mumbai, India

May 2021 - November 2021

- Certified instructor in the fields of Python Programming and Application Development. Devised modules and streamlined the curriculum which resulted in a 30% growth in the number of applicants in a month. Taught various concepts of Web Development in the form of hourly online lectures every week. Clocked in more than 200 hours of lectures
- Part of a team that was tasked with developing a mock application using Kotlin and Firebase for the back-end team

Aam Aadmi Party | Web Development Intern | Mumbai, India

March 2021 - May 2021

- Constructed the Aam Aadmi Party (Mumbai) website using React and NodeJS and designed a database using MongoDB. Resulted in an elevation in the traffic faced by the website (previously based on WordPress) by 180%
- Analyzed data using Cluster Analysis provided to predict effective strategies for campaigning and allocation of seats that the organization may receive in the upcoming elections

St Jude India Childcare Centers | IT Intern | Mumbai, India

September 2019 - December 2019

- Operated on the SQL-based back-end database of the company, assisted in creating a database for the company's employees and extracted data based on factors of gender, role, pay-scale, using SQL queries
- Played a key role in various projects especially in migrating data from books to the cloud as a part of the company's digitization process. Also aided in IT troubleshooting among 5 departments

PROJECTS

StockMate Application ([GitHub](#)) | Xcode, SwiftUI, Firebase

January 2023 – May 2023

- Developed a comprehensive stock market application using SwiftUI that employs custom-made StockView API to obtain stock data powered by Yahoo Finance. Created a dedicated page to display educational videos on the basics of the stock market and technical analysis
- Implemented a dedicated Blog interface using Firebase, allowing users to share their portfolios and trades and communicate with other traders to exchange insights and ideas.

Face Recognition System using CCTV Footage ([Publication](#)) | Python, Django, SQL

May 2021 – April 2022

- Programmed a face recognition system for identification and authorization of a professor as a biometric security feature
- Performed Principal Component Analysis (PCA) technique, extracted facial features for comparison and achieved 95% accuracy in determining the name and age of the given face. Installed the system in 8 staff rooms all around campus

MyYelp – A Yelp Alternative | MongoDB, ExpressJS, ReactJS, NodeJS

June 2020 – August 2020

- Deployed a website that listed various camping sites around the world and their booking information. Defined efficient RESTful routes and integrated email authentication using Passport.js
- Engineered the backend using MongoDB and NodeJS. Developed the frontend using HTML, CSS, and JavaScript

LEADERSHIPS

iConsult @ Syracuse University | Full Stack Developer | Syracuse, NY, USA

May 2023 – Present

- Contributing as a Full-stack Developer at iConsult for a law firm project, leading the website development and leveraging expertise to enhance the firm's online presence and user experience

Student Council | Literary Core | Mumbai, India

August 2019 – May 2020

- Served as a core team member for VIT's Literary Council. Guided the Student Council in organizing the annual college festival that had a footfall of 15000 people. Headed and orchestrated various events such as "Just Jam" and during the tenure

Rotaract District Organization | Technical Head | Pune, India

July 2017 – June 2018

- Oversaw and facilitated various technical events conducted during "Project Jagruti"