

Raj Vora

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EDUCATION:

University of Florida, FL, USA
Master of Science in Computer Science

August 2022 – May 2024
GPA: 3.83

Mumbai University, Mumbai, India
Bachelor of Technology in Computer Engineering

August 2016 – October 2020
GPA: 3.33

PROFESSIONAL EXPERIENCE:

Software Engineer, Neuromuscular Physiology Lab, Gainesville, FL

February 2024-August 2024

- Created a Flutter app that records and analyses patient audio files to help identify neuromuscular issues, making sure the data is captured accurately and processed efficiently.
- Designed a responsive mobile application UI in Figma, creating over 15 detailed screens that prioritize user experience and intuitive navigation for patients.
- Implemented seamless API integration with a Vanilla PHP backend, ensuring reliable data collection and consistency.
- Architected a React-based dashboard tailored for patient onboarding, providing an intuitive interface for managing patient data and ensuring smooth workflow.
- Conducted user testing sessions with healthcare professionals to gather feedback, refine features, and improve the overall usability and effectiveness of the application.

Web Application Developer, Media.net, Mumbai, India

January 2022 – July 2022

- Spearheaded and managed API proxy service to manage access and reduce page load time by 50%.
- Implemented 7 data pipelines using Spring framework, improving dataflow efficiency by 20%.
- Devised 3 logging infrastructures visualized using Apache Kafka to increase data availability and integrity by 25%.
- Modified ad pixel tracking workflow using Logstash, resulting in a 20% increase in revenue.
- Designed interactive dashboards in Kibana to visualize data and generate insights for decision-making.
- Configured and updated 4 Kubernetes clusters for APIs and backend servers, enhancing load balancing.
- Architected efficient, scalable services paired with well-designed UI as part of cross-functional projects.

Associate Web Developer, Media.net, Mumbai, India

January 2021 – December 2021

- Migrated CakePHP infrastructure from singleton design pattern to factory pattern, reducing website load time by 500ms and increasing revenue by 10%.
- Administered the PHP server architecture for 700+ websites, implementing updates and improvements to maintain smooth operation.
- Added new functionalities to internal ad dashboard made in React.JS, creating 5 new workflows.
- Coordinated system architecture development to serve WordPress and CakePHP websites from the same backend.
- Led cross-functional projects, coordinating with product and design teams to deliver robust solutions.

Full Stack Development Intern, Halara Labs Pvt Ltd, Mumbai, India

June 2020 – July 2020

- Conducted mobile application development in Flutter for online games application Play Hatke.
- Developed 3 functional pages for player ranking, user profile and in-app wallet and incorporated 2 mini-games.
- Engineered 15 server-side APIs in NodeJS for the corresponding pages and mini-games.

Android Development Intern, K J Somaiya College of Engineering, Mumbai, India

March 2019 – July 2019

- Led a team of 3 to develop an application that benefits 15% of the differently abled population.
- Created Android Application for color-blind people to assist in selecting their daily outfits.
- Deployed a Python API to analyze camera images and identify the predominant color from a dataset of 150 colors and presented this work at the National Conference on Disability, Accessibility, Inclusion, and Well-being 2019.

SKILLS AND CERTIFICATIONS:

Languages and Frameworks: Python, JavaScript, Typescript, SQL, PHP, Dart, Java, React, NodeJS, Spring Boot, Laravel, Django, Flutter, Android Studio

Databases: Express.js, MySQL, MongoDB, Firebase, Postgres, Redis

Tools & Frameworks: AWS, Kubernetes, Docker, CI/CD, Apache Kafka, Elasticsearch, Flask, Logstash, Kibana,

Certifications: JavaScript Essentials, Full Stack Development

PROJECTS:

[Travnal](#) (EJS, ReactJS, NodeJS, MongoDB, CSS, JavaScript)

[Recipe App](#) (React, Edamam API)

[GatorTaxi](#) (Python)