

# Raj Jayesh Vora

[rajvora1998@gmail.com](mailto:rajvora1998@gmail.com) | [\(352\)-888-2527](tel:(352)888-2527) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION:

<b>University of Florida</b> , FL, USA	<b>Aug 2022 – May 2024</b>
Master of Science in Computer Science	
<b>K J Somaiya College of Engineering</b> , Mumbai, India	<b>Aug 2016 – Oct 2020</b>
Bachelor of Technology in Computer Engineering	

## EXPERIENCE:

<b>Software Engineer</b> , University of Florida (Human Motor Neuroscience Lab), Gainesville, FL	<b>Feb 2024 – Present</b>
<ul style="list-style-type: none"><li>• Created 3 Flutter apps to recording and analysing neuromuscular information, innovating data collection methods.</li><li>• Devised a responsive mobile UI in Figma with 15+ screens, prioritizing user experience and patient navigation.</li><li>• Integrated 10+ REST APIs employing a PHP backend, ensuring reliable collection and consistency with SQL database.</li><li>• Leveraging AWS Amplify for seamless data integration, built a React-based dashboard for patient onboarding.</li><li>• Conducted user testing to refine features, applying object-oriented principles and user interaction refinements.</li></ul>	
<b>Web Application Developer</b> , Media.net, Mumbai, India	<b>Jan 2022 – Jul 2022</b>
<ul style="list-style-type: none"><li>• Spearheaded and remediated API proxy service to manage and reduce page load time by 50%.</li><li>• Implemented 7 data pipelines using Spring and Elasticsearch, improving data processing stream efficiency by 20%.</li><li>• Devised 3 logging infrastructures visualized using Apache Kafka to increase logs availability and integrity by 25%.</li><li>• Refined the ad pixel tracking workflow using Logstash, leading to a 20% increase in revenue.</li><li>• Designed interactive dashboards in Kibana to visualize parameters and generate insights for decision-making.</li><li>• Configured and updated 6 Kubernetes clusters for APIs and backend servers, enhancing load balancing.</li></ul>	
<b>Associate Web Developer</b> , Media.net, Mumbai, India	<b>Jan 2021 – Dec 2021</b>
<ul style="list-style-type: none"><li>• Migrated CakePHP from singleton to factory pattern, cutting load time by 500ms and boosting revenue by 10%.</li><li>• Maintained a hybrid web architecture integrating WordPress and CakePHP, ensuring seamless functionality across 700+ ad-driven websites.</li><li>• Enhanced internal dashboard built in React.js by creating 5 streamlined workflows to improve operational efficiency.</li><li>• Coordinated system architecture development to serve CakePHP websites utilizing multiple micro-services.</li><li>• Optimized page load times by 500ms through implementation of Redis caching, resulting in improved performance.</li></ul>	
<b>Full Stack Development Intern</b> , Halara Labs Pvt Ltd, Mumbai, India	<b>Jun 2020 – Jul 2020</b>
<ul style="list-style-type: none"><li>• Conducted mobile application development in Flutter for and utilized MongoDB for efficient data storage.</li><li>• Developed 3 functional pages for player ranking, user profile and in-app wallet and incorporated 2 mini-games.</li><li>• Architected 15 server-side APIs in Node.js with to efficiently handle data processing for corresponding mini-games.</li></ul>	
<b>Android Development Intern</b> , K J Somaiya College of Engineering, Mumbai, India	<b>Mar 2019 – Jul 2019</b>
<ul style="list-style-type: none"><li>• Led a team of 3 to develop an application that benefits 15% of the differently abled population.</li><li>• Created Android Application for color-blind people to assist in selecting their daily outfits.</li><li>• Deployed a Python API to analyse 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.</li></ul>	

## SKILLS:

**Languages & Frameworks:** Python, JavaScript, PHP, TypeScript, Java, React, Laravel, Flask, Django, Spring

**CI/CD:** AWS, GCP, Kubernetes, Docker, ArgoCD, Jenkins, GitHub Actions, Next.js

**Frontend & Web Development:** Angular, CakePHP, Redux, Webpack, ReactJS, Flutter, Figma

**Data & Streaming:** Apache Kafka, Elasticsearch, Logstash, Grafana, GraphQL, PostgreSQL, Prometheus, Sentry

**Certifications:** JavaScript Essentials, Full Stack Development

## PROJECTS:

**URL Shortener** (React, Express, PostgreSQL)

- Innovated a URL shortener web application to shorten long URLs as well as manage analytics of URL clicks.

**Beam** (NodeJS, Express, MongoDB, EJS, jQuery, Chrome Developer Tools)

- Engineered a Chrome extension to share streaming accounts without revealing passwords, ensuring data privacy.

**Smart Lock** (Dart, Flutter, Firebase, IoT, Python)

- Projected a smart lock system using Near Sound Data Transfer for secure home access, highlighting IoT innovation.

**Travnal** (JavaScript, Angular, NodeJS, ExpressJS, MongoDB)

- Built a social media platform tailored for travellers, focusing on an intuitive user interface and scalable architecture.