Raj Vora

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Education

University of Florida	Master of Science	Aug 2022 – May 2024
	Computer Science	Gainesville, FL
Somaiya Vidyavihar	Bachelor of Technology	Aug 2016 – Oct 2020
	Computer Engineering	Mumbai, India

Technology Stack

Languages: JavaScript, PHP, Dart, Python, Java, Erlang, MySQL
Web Development: NodeJS, Express, React, Spring, Angular, EJS, Lumen, Flask
Technologies: Git, Flutter, AWS, GCP, Docker, Latex, MongoDB, Android Studio, Firebase, Kafka, ELK stack

Work Experience

Web Application Developer   media.net   **Jan 2021 – July 2022**
- Spearheaded and managed API proxy service to manage access and reduce load time by 50%.
- Incorporated 7 data pipelines to improve workflow by 20%
- Devised 3 logging infrastructures to increase data availability and reliability by 25%.

Android Development Intern   Somaiya PWD Center   **Jun 2019 – July 2019**
- Proposed an Android application to assist color-blind people in selecting their daily outfits.
- Facilitated a team of 3 to develop the application which can help 15% of differently abled population.

Projects

Gator Taxi   *Python*   **March 2023 – April 2023**
- Designed and implemented ride-sharing software for GatorTaxi, handling up to 2000 ride requests.
- Utilized min-heap and Red-Black Tree structures to achieve rapid ride selection, optimizing system efficiency.

Twitter Clone   *Erlang*   **Nov 2022 – Dec 2022**
- Developed Twitter-like engine with hashtag/mention support, subscriptions, and real-time tweet delivery.
- Conducted simulations with 2000 simultaneous users, applying Zipf distribution to subscribers, resulting in scalable systems with substantial tweet volumes.

Beam   *NodeJS, Firestore, Express, EJS, jQuery*   **Feb 2020 – Apr 2020**
- Created a Chrome extension to share video streaming accounts without giving out the passwords.
- Operational across three major OTT platforms: Amazon Prime Video, Netflix, and Voot.

Smart Locking System   *Flutter, Python, Chirp, Firebase*   **Aug 2019 - Jan 2020**
- Integrated Near Sound Data Transfer to create a Smart Lock utilizing the Internet of Things.
- Presented Technical Paper at Technical Advancements for Social Upliftment National Conference 2020.

Travnal   *NodeJS, EJS, MongoDB, CSS, JavaScript*   **Aug 2018 - Dec 2018**
- Incorporated a social media website tailor-made for travelers with an intuitive user flow.
- Collaborated with no prior node.js experience, highlighting adaptability and rapid skill acquisition.

Extracurricular Activities

- Literary Affairs Co-Chief of college literary club; managed a team of 7 for organizing national level debate competition and college literary fest.
- Joint Social Media Head for Maker Mela 2018 – Asia's biggest entrepreneur gathering.