

Om Rabadia

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EDUCATION

University of California, San Diego

Sep. 2021 – June 2025

B.S. Computer Science with a Specialization in Bioinformatics, Minor in Economics

La Jolla, CA

- Relevant Coursework: Computer Organization & Systems Programming, Database Systems, Software Engineering, Bioinformatics Data Processing (Bash/Linux), Data Structures & Algorithms, Data Science in Python
- Activities: CS foreach, IEEE - Eta Kappa Nu Honors Society (top 25% of engineering students)

EXPERIENCE

Full Stack Software Engineering Intern

July 2025 – Present

ServiceAgent

Austin, TX

- Designed agentic workflows in n8n integrating HubSpot and an Airtable dashboard to automate CRM syncing, lead qualification, and hiring pipeline updates, reducing manual operational effort by 30%.
- Improved sign-up conversion rate by 7% by redesigning the sign-up flow based on user engagement metrics.
- Drove 11.4% CTA click-through rate and 4m 38s average session duration by implementing a high-converting and responsive landing page with React, Tailwind CSS, and Stripe integration.
- Improved site performance across all devices by optimizing animations, reducing load times by 18%, and adding memoization to eliminate unnecessary re-renders.

Frontend Software Engineering Intern and Team Lead

June 2024 – Sep. 2024

Pullscription

San Diego, CA

- Led frontend development from scratch to production launch using Vue.js, HTML, CSS, and TypeScript.
- Implemented OAuth2-based authentication via Auth0 for secure user access control and session management.
- Enhanced frontend performance and UX by optimizing API calls, reducing data-fetch latency by 5%.

LEADERSHIP / EXTRACURRICULAR

Vice President of Outreach

June 2024 – June 2025

IEEE - Eta Kappa Nu Honors Society

La Jolla, CA

- Delivered 70+ technical presentations and 7+ campus tours annually to 500+ K-12 students, developing the ability to communicate complex engineering concepts to diverse audiences.
- Established strategic partnerships with Collins Aerospace and Qualcomm to co-deliver technical demonstrations and STEM education while securing a \$1000 grant to expand UC San Diego's largest engineering outreach coalition.
- Led weekly team meetings with 15+ volunteers, ensuring accountability and execution of program initiatives.

PROJECTS

Food Ordering App (In Progress) | React, Node.js, Express, MongoDB, Stripe API

Dec. 2025 – Present

- Building a full-stack mobile-responsive web app for a 4.7-star local restaurant using MERN stack to enable online ordering and payment processing, saving the business \$200 monthly in third-party storefront fees.
- Developing an Admin Dashboard for restaurant staff to manage orders, track real-time financial metrics, update menu items, and analyze daily sales performance and order trends.
- Architecting automated post-checkout workflows integrating Stripe for payment processing, Twilio Voice API for restaurant order notifications, and Amazon SES for customer confirmation emails.

PantryPal | Java, JavaFX, JUnit, OpenAI APIs, MongoDB, Git, Gradle

Oct. 2023 – Dec. 2023

- Collaborated on a Java application that generates recipes from user-provided ingredients using OpenAI Whisper for voice input and ChatGPT for recipe generation, featuring a JavaFX GUI and a MongoDB backend.
- Practiced Agile and CI/CD methodologies, applying Behavior-Driven Development (BDD) to align engineering output with user needs, reduce rework, and accelerate iteration cycles in a fast-moving product environment.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, C/C++, SQL, HTML/CSS, Bash

Frameworks & Libraries: React, Next.js, Vue, Nuxt.js, Node.js, Express, Tailwind CSS, FastAPI

Databases & Cloud: MongoDB, PostgreSQL, Supabase

Tools & Integrations: Git, Docker, GitHub Actions, Auth0, Stripe, HubSpot, Airtable, OpenAI APIs