

Raumil Bharatbhai Dhandhukia

(602) 706-4824 | raumild@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

WORK EXPERIENCE

Sync 'N Style

June 2024 - Present

Full Stack Developer

- Developed dynamic **outfit recommendation** algorithm operating on **OpenAI APIs** tailored to user preferences
- **Spearheaded** the development of an inventory scraper, maintaining **120,000+** merchandise from **60+** retailers using **hidden RESTful APIs** and **HTML parsing** web scraping methods, maintaining up-to-date inventory
- Developed **APIs** with **Node.js**, **Express** and **TypeScript** for authentication, outfit recommendations, and inventory
- Oversaw **Vercel** deployments, conducted **code reviews**, maintained codebase and collaborated with testing team

Arizona State University

May 2023 - May 2024

Software Engineer

- Engineered a **gamification of Canvas LMS** using **React**, **TypeScript**, and **MongoDB**, featuring course-specific **leaderboards**, **virtual shops**, and **currency management**, resulting in a **25% increase** in student engagement
- Designed and implemented a **real-time notification system** using **Socket.io** accommodating **10,000+ students**
- Optimized application using **React Developer Tools** and implemented **caching**, **debouncing** and **lazy loading**

Setu Consulting Services

May 2021 - July 2022

Software Developer

- Secured an **80% reduction** in discrepancies and **enhanced inventory transfer accuracy** by developing robust **Inventory Count system** using **Python**, **React** simplifying inventory systems for over **100+** enterprise warehouses
- Engineered a customer segmentation system using **RFM** analysis, processing **100,000+** customer records with **Python** and **PostgreSQL stored procedures**, enabling targeted marketing campaigns, increasing customer retention by **60%**
- Extended manufacturing software with interactive component hierarchy visualization interface using **React**
- Integrated **Shopify**, **WooCommerce** with **ERP** system utilizing **Webhooks** and **REST APIs**

Emipro Technologies

Jan 2021 - April 2021

Software Developer Intern

- Composed Stored Procedures in **PostgreSQL** for predictive cash flow by **analyzing historical financial data**
- Developed a dynamic cash flow analysis configuration system using **Python**, **React**

PERSONAL PROJECTS

Inbox Radar AI | *Next.js, React, TypeScript, Gmail API, OpenAI API, Stripe, PostgreSQL, Prisma, TailwindCSS, Vercel*

- Developed an **AI SaaS** platform featuring **AI-powered email suggestions** and **autocompletion**, auto **labeling** and insights; Supported email operations including **compose**, **thread replies**, labeling and **synced with Gmail**; integrated **Stripe** for tiered payments via **Webhooks** and **OAuth** for Google with robust security through **Auth.js (JWT)**

Cloud Based Auto Scaling Image Recognition Service | *AWS(EC2, Lambda, SQS, S3, DynamoDB), Python, Flask, Docker*

- Engineered an elastic and event-driven **AWS** architecture for **image recognition** using **Python**, leveraging **EC2**, **Lambda**, **SQS**, **DynamoDB** and **S3** to streamline image processing and output, with **scaling in and out on demand**.

Next-Notes | *Next.js, React, TypeScript, WebSocket, Node.js, Tiptap, TailwindCSS*

- Developed **collaborative editing and sharing features** supporting **concurrent users** with **synchronized cursors**

SKILLS SUMMARY

Languages/Databases: JavaScript, TypeScript, Python, Java, C, C++, PostgreSQL, MongoDB, HTML5, CSS

Libraries/Frameworks: Next.js, React, Redux, Node.js, Prisma, Flask, Auth.js, Socket.io, Tailwind CSS, REST API

Tools: Git, Docker, Google Analytics, AWS (EC2, S3, SQS, Lambda, DynamoDB), Vercel, Resend, Unity, Cypress

EDUCATION

Master of Science in Software Engineering

May 2024

Arizona State University

Tempe, AZ

Bachelor of Engineering in Computer Engineering

May 2021

Gujarat Technological University

Gujarat, India