Raumil Dhandhukia

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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**

SKILLS SUMMARY

Languages/Databases: JavaScript, TypeScript, Python, Java, PostgreSQL, MySQL, 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

PROFESSIONAL EXPERIENCE

Software Engineer   **May 2021 - July 2022**
Setu Consulting Services Pvt. Ltd.   **Gujarat, India**
- Achieved a **30% cost reduction** by incorporating Google Maps into the Fleet System using **React, and Python**
- Revamped HR processes for improved leave management in existing CRM utilizing **React** and **Node.js**
- Improved **customer retention** by **60%** through strategizing **RMF Analysis** (data-driven classification) operating on **PostgreSQL** stored procedures. Set up personalized marketing email system with **Python**, **JavaScript**
- Integrated marketplaces for product updates and financial tracking aided by **Webhooks** and **REST APIs**
- Created real-time CRM dashboard leveraging **WebSocket** for dynamic, interactive data updates

Developer Intern   **January 2021 - April 2021**
Emipro Technologies Pvt. Ltd.   **Gujarat, India**
- Composed Stored Procedures in **PostgreSQL** for predictive cash flow by **analyzing historical financial data**
- Developed a dynamic configuration system using **Python**, **JavaScript** to optimize cash flow analysis

PROJECT EXPERIENCE

Inbox Radar AI (AI Inbox Organizer and Insights)   **June 2024 - Present**
Next.js, React, TypeScript, PostgreSQL, Gmail API, Stripe, Tailwind CSS   **Tempe, AZ**
- Developed an **AI SaaS** app to organize inboxes, **categorize emails**, providing productivity-enhancing insights and **custom label generation** features using **Next.js, React, and PostgreSQL, Gmail API and Gemini model**
- Integrated **Stripe** for tiered payment options and **OAuth** for Google authentication, ensuring secure user access.

Next-Notes (Note Sharing Web Application)   **May 2024**
Next.js, React, Auth.js, TypeScript, Prisma, MongoDB   **Tempe, AZ**
- Implemented **collaborative note-taking features** supporting concurrent users with **synchronized cursors** using **Yjs** and **WebSocket** server, and real-time data updates alongside **API throttling**
- Developed with **Next.js, TypeScript, Prisma, MongoDB,** and **Tailwind CSS** and deployed on **Vercel**
- Facilitated **JWT** session strategy authentication and integrated **OAuth** (Google/GitHub) using **Auth.js**

Cloud Based Auto Scaling Image Recognition Service   **January 2023 - February 2023**
AWS (EC2, SQS, S3), Python, Flask   **Tempe, AZ**
- Accomplished a decoupled **AWS** architecture for a cloud-based image recognition service using **Python**
- Leveraged **EC2** instances, **Lambda**, **SQS** queues, and **S3** buckets to streamline image processing and output

Macaroni (A Programming Language)   **February 2023 - April 2023**
Java, ANTLR   **Tempe, AZ**
- **Led a team of 5** and engineered a programming language and its syntax supporting various variables, loops, and conditional statements using **Java**, ANTLR