Raumil Dhandhukia

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EDUCATION

Master of Science in Software Engineering (GPA 4.00/4.00)   **May 2024**
Arizona State University   **Tempe, AZ**

Bachelor of Engineering in Computer Engineering (GPA 9.0/10)   **May 2021**
Gujarat Technological University   **Gujarat, India**

SKILLS SUMMARY

Languages/Databases: JavaScript, TypeScript, Python, Java, PostgreSQL, MySQL, MongoDB, HTML5, CSS
Libraries/Frameworks: NextJS, React, Auth.js, Redux, Node.js, Prisma, Flask, Socket.io, Tailwind CSS, Rest API
Tools: Git, Jira, AWS (EC2, S3, SQS, Lambda, DynamoDB), Docker, Unity, Firebase, Cypress

PROFESSIONAL EXPERIENCE

Software Developer (Remote - Part Time)   **May 2022 - August 2022**
ForkLyft   **Karnataka, India**
- Achieved a 30% cost reduction by incorporating GPS into the Fleet Management System with React
- Revamped HR processes for improved leave management in existing CRM utilizing React and NodeJS

Software Engineer   **May 2021 - July 2022**
Setu Consulting Services Pvt. Ltd.   **Gujarat, India**
- Secured 60% customer retention by strategizing RMF Analysis (data-driven classification) operating on PostgreSQL. Orchestrated personalized marketing emails based on customer analytics.
- Integrated marketplaces for product updates and financial tracking aided by Webhooks and REST APIs.
- Created real-time CRM dashboard wielding WebSockets 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.
- Improved scheduler performance to 3 seconds by converting Python logic to Stored Procedures.

PROJECT EXPERIENCE

Next-Notes (Note sharing web application)   **May 2024 - Present**
Next.js, Auth.js, TypeScript, Prisma, MongoDB, tailwindCSS   **Tempe, AZ**
- Developed and deployed notes app on Vercel using Next.js. Facilitated authentication by integrating OAuth (Google/GitHub) using Auth.js, enhancing security and user experience. Implemented real-time data updates with throttling and collaborative note-taking features with Yjs.

RetroLMS (Gamified eLearning)   **February 2024 - April 2024**
React, TypeScript, Node.js, Express, MongoDB   **Tempe, AZ**
- Constructed a virtual shop marketplace and Leaderboard. Crafted Retro 8-Bit UI supported by NES.css.
- Empowered pop-up notifications employing Socket.io and email notifications through Nodemailer.
- Engineered course management with React, TypeScript, Node.js, and secure authentication with JWT.

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.
- Leveraged EC2 instances, SQS queues, and S3 buckets to streamline image processing and output.

Home Service Provider   **January 2021 - March 2021**
MongoDB, React, Node.js, Express   **Gujarat, India**
- Designed and deployed a full-stack (MERN) home service provider application on-boarding 3000+ providers