Nirav Soni

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EDUCATION

- **Gujarat Technological University** Gujarat, India
  *Bachelor of Engineering in Computer Engineering; **CGPA: 8.61*** *Aug. 2016 – Aug. 2020*

- **Swastik School** Gujarat, India
  *Higher Secondary School; **Percentile: 93.95*** *Apr. 2015 – Mar. 2016*

EXPERIENCE

- **Tata Consultancy Services** Gandhinagar, India
  Systems Engineer *Oct 2020 - Present*
  - Developed a **Document Generation Workflow** responsible for consistently producing and sending out over **150,000+ letters** to end customers throughout the entire year.
  - Managed **End-to-End Code Migration** process encompassing Development, UAT, and Production phases.
  - Collaborating with diverse teams, I successfully coordinated the **Migration** of an on-premise CRM application to an **AWS Cloud** environment. The migration involved transitioning from a **Single-AZ** to a **Multi-AZ** configuration, **Enhancing** the application's overall **Availability.**
  - Collaborated on the integration of **Third-party APIs** to automate lead generation within the CRM tool.
  - Implemented an **Automated Workflow** using Python, which periodically collects database backup files from the file system and uploads them to an **Amazon S3** bucket while incorporating a **Logging Mechanism** to track and monitor the process resulted in **Completely Eliminating** the daily **1 Hour** of manual effort.

PERSONAL PROJECTS

- **Issue Tracker** | *Github*
  - Developed a feature-rich issue tracker with **Google Authentication**, issue creation, assignment capabilities, status tracking, and pagination. Utilized **Next.js 13+, TypeScript, Radix UI, Tailwind** for UI design, **App router** for navigation, **Prisma** for database integration, and **NextAuth.js** for user authentication in a full-stack application.

- **The Wild Oasis** | *App Link*
  - Designed and implemented a Hotel Management System using **React, React Query, & React Hook Forms** for advanced state management and form handling. Leveraged Supabase as the backend technology for robust data management. Key features include user-friendly room addition, streamlined bookings management, a seamless check-in/check-out process, and an intuitive Dashboard utilizing **Recharts** and **Date-fns** library for an enhanced user experience.

- **ECommerce** | *Github* | *API Docs*
  - Developed a feature-rich E-commerce **REST API** using **Express.js & MongoDB,** facilitating user registration, sign-in, product creation, shopping cart management (addition, removal, clearing), order placement, and order viewing. Implemented secure user management with **JWT** for authentication and authorization. Deployed the application on AWS EC2 instances.

ACHIEVEMENTS

- Qualified in TCS DCA and got **Promoted To TCS Digital**
- Solved **500+ problems** on Leet code
- **10th rank** in TCS internal Kickoff Hackathon among **5000+ Participants**

CERTIFICATIONS

- AWS Cloud Practitioner Certification (**AWS**)
- AWS Certified Developer - Associate (**AWS**)

SKILLS

- Python, Javascript, TypeScript, NPM, SQL, MongoDB, Docker, REST APIs, ReactJS, NextJS, Redux Toolkit, React Query, Redis, Message Queue, Docker, Tailwind CSS, Express, NodeJS, Git, HTML, CSS, AWS (S3, EC2, Lambda, DynamoDB, IAM, Route53, SNS, SQS, API Gateway, Cloudfront, ElastiCache)