Karan Gandhi Software Engineer

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PROFESSIONAL EXPERIENCE

Merkle - a Dentsu Company, *Software Engineer* 🔗   Jan 2021 – present | Mumbai, India
- Migrated **5+ live projects**, upgrading dependencies and modernizing the tech stack, improving **performance by 20%** and reducing **maintenance costs**.
- Streamlined **12k+ lines of code** across **160+ files**, reducing **technical debt by 30%** and speeding up **development cycles**.
- Built scalable **RESTful APIs** with **Node.js and SQL**, optimizing **CRUD operations** for **10+ core features** and reducing **query response time by 15%**.
- **Developed** an email standardization framework, decoupling **50+ tightly coupled conditions**, reducing code complexity by **30%**, and improving scalability.
- **Delivered** a responsive website with **Vue.js**, **JavaScript**, and **SCSS**, enhancing UI/UX and boosting load times by **20%**.
- **Built** a frontend interface for a **Python-based backend**, enabling seamless data exchange and bridging critical functionality gaps.

PROJECTS

Restaurant Recommendation System, *Python (Pandas, Numpy, Scikit-learn, Surprise), Jupyter Notebook* 🔗
- Built a restaurant recommendation app using the **latest Yelp dataset**.
- Integrated a **custom model** and advanced filters for **personalized suggestions**.

Data Locker and Secure Password Generator, *NodeJS, React Native, MongoDB* 🔗
- Developed Data Locker, a **secure** Android and web app for **encrypting** and managing **sensitive data**.
- Added a Secure Password Generator to create robust passwords.

Shashwat Society Dashboard, *NextJS, TypeScript, Postgres* 🔗
- Built a **ticketing system** to streamline issue creation, management, and tracking.
- Leveraged modern frontend technologies and GitHub for version control.

EDUCATION

Sardar Patel Institute of Technology,   Mumbai, India
Master of Computer Application

SKILLS

Programming Languages
  CPP, Python, Java, Javascript, Typescript

Backend Development
  Node.js, RESTful API, MySQL, MongoDB

DevOps Tools
  Docker, Jenkins

Web Development
  Vue.js, React.js, HTML, SCSS

Version Control & Collaboration
  Git, SVN, Confluence, Jira

Database & Cloud Management
  MySQL, MongoDB, Amazon S3