# **Imran Khan**

### Frontend Engineer

Email | Portfolio | GitHub | LinkedIn | X

## **Experience**

#### **Software Development Engineer 1 @Procedure Technologies**

Aug 2023 - Present

- Optimized a core data pipeline by implementing parallel downloads, bulk querying, and leveraging **Pandas'** efficient data structures, reducing processing time from **over 30 minutes to under 5 seconds**.
- Successfully upgraded the codebase to **Pydantic v2**, ensuring all **1000+ test cases** passed without warnings, resulting in up to **20x faster validation and serialization speeds**.
- Integrated **Datadog** for log monitoring and deployment validation, ensuring staging environments function correctly before production pushes, contributing to a **99.99% SLA**.
- Managed a full-stack application, including a **React/TypeScript** frontend, **FastAPI** backend, and **MongoDB**, while utilizing advanced **UNIX** tools and **Bash scripting** for automation.
- Designed and maintained CI/CD pipelines using **GitHub Actions**, alongside efficient infrastructure provisioning via **Terraform** on **AWS**, ensuring seamless deployments.

#### **Software Engineer 1 @MAQ Software**

Feb 2022 - Jul 2023

- Designed and deployed high-performance analytics dashboards using **YouTube APIs**, serving thousands of daily active users with seamless user experience.
- Implemented continuous data integration pipelines with **SQL** and **KQL**, enabling near real-time dashboard updates without compromising performance.
- Collaborated with US-based clients to translate business requirements into effective technical solutions, enhancing data-driven decision-making.

#### **Tech Stack**

Frontend: React, TypeScript, Tailwind CSS, Styled Components, Redux

**Backend & Databases:** FastAPI (Python), MongoDB, PostgreSQL, PocketBase **Tools & Workflow:** GitHub Actions, Terraform (AWS), CI/CD, Bash, Vim/Neovim

Others: UNIX/Linux, tmux

# **Projects**

- **ShareMe** Image-sharing platform featuring Google login, search, categories, and a modern CMS-backed UI.
  - Made with React, Tailwind CSS, Sanity CMS
  - Links: Demo | Source
- Workflow A Kanban board application that uses drag-and-drop to enable seamless task state updates.
  - o Made with React, Tailwind CSS, Vite
  - Links: Demo | Source

## **Education**

- B.E. in Computer Engineering CGPA: 9.09/10
  - Rizvi College of Engineering (July 2018 May 2022)
- HSC (Computer Science) 86.46%
  - Royal College of Arts, Science & Commerce (June 2016 May 2018)