Muhammad Mohsin

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EDUCATION

Sir Syed University   Karachi, PK
Bachelor of Science in Software Engineering   *2022 – 2026*

Army Public College   Karachi, PK
Pre-Engineering   *2021 – 2022*

EXPERIENCE

Techverin   Aug 2024 – Present
Software Developer Intern   *Malé, MV*

- Contributed to feature enhancements and performed maintenance (bug fixes, feature updates) for an inventory management system using React and Go.
- Connected frontend components with backend APIs to improve functionality and user interaction.
- Expanded backend capabilities by adding new features while learning and applying Go for API integration and database management.

Freelance   Dec 2022 – Present
Software Developer   *Karachi, PK*

- Developed multiple Student Portal mobile apps for different clients.
- Connected multiple backend services to Flutter apps including Google Maps API and Firebase
- Developed multiple web apps including a current work-in-progress self-hosted Inventory Management System created in Next.js

PROJECTS

Kaku | *Nuxt, Vue, JS*   Aug 2024

- Designed and developed a diagramming tool with hand-drawn visuals to facilitate intuitive, sketch-like diagram creation.
- Implemented features such as shape drawing, freehand drawing, and object manipulation with a focus on providing a smooth, user-friendly interface.
- Utilized canvas library to create a scalable and interactive diagram editor for learning purposes.

Urbane | *Next.js, React, Typescript*   Feb 2024

- Developed a full dashboard template for free use.
- Added various charts to visualize different metrics.
- Added data tables with sort, filter and pagination.
- Complete dark mode and light mode theming.

Siminventory | *Next.js, React, Typescript*   Jan 2024

- Developed a full Inventory Management System with Next.js
- Added functionality to generate PDFs for multiple provided services.
- Developed both simple and complex forms for many different modules.
- Complete Auth system with Auth0.
- Fully self-hosted and self-managed.

Maestro | *Next.js, React, Typescript*   Jan 2024

- Developed a full stylish and modern looking e-commerce template.
- Added full cart functionality.
- Fresh data pulled directly from third-party api.
- Almost fully server-side rendered.

Himotoku | *Flutter, Dart, Rust*   Mar 2023

- Developed a manga reading application which can efficiently scrape from multiple sources.
- Implemented some crucial image resizing functionality by using Rust
- Download and auto update from source functionality and local database for a complete offline experience.
- Used Isar for local database functionality.
- Complete dark and light mode theming with different accent colors.

Technical Skills

Languages: Dart, Java, Python, Rust, SQL (Postgres/MySQL), JavaScript/TypeScript, HTML/CSS, Go
Frameworks: Flutter, React, Node.js, Next.js, Vue, Svelte, Nuxt
Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Webstorm