Aayan Amir

Software Developer | Backend and Full Stack
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github.com/aayan-amir | aayanamir.tech

Software developer who replaces manual workflows with practical tools. Delivered internal systems for inventory, lead tracking and expense approvals, with automated reporting that cut monthly reconciliation time by approximately 30%. Uses AI assistance while reviewing and validating generated code.

Experience

Backend Developer (Contract) Jan 2026 – Sep 2026

KOGO Metal | Karachi, Pakistan

- Replaced fragmented Excel sheets with a C# / EF Core CRM for 500+ active leads, adding a defined sales pipeline and follow-up reminders to make outreach easier to track
- Built and deployed an ASP.NET Core / PostgreSQL inventory module for 100+ stock items across 15 categories, giving the operations team a structured way to maintain stock records
- Developed an expense system processing 200+ monthly claims, with receipt uploads, departmental budget validation and Employee → Manager → Finance approvals using WinForms and SQL Server
- Reduced monthly reconciliation time by approximately 30% by automating PDF financial summaries
- Translated department requirements into working tools, ran user acceptance testing on staging builds and managed releases through Git/GitHub

Projects

NoClash | Timetable extraction and schedule planning

TypeScript, Zod, Zustand, PWA

no-clash.vercel.app | github.com/aayan-amir/NoClash

- Built a workflow that turns timetable photos and PDFs into reviewable course data, reducing the manual transcription needed to plan a semester
- Separated AI extraction from deterministic clash detection so students can correct data, compare sections and understand overlapping classes
- Added URL-based schedule sharing, image export and offline planning so students can save and reuse their timetables

Student Portal | Moderated classroom resource sharing

ASP.NET Core MVC (.NET 10), C#, PostgreSQL, EF Core, Cloudinary

github.com/aayan-amir/StudentPortal

- Built subject/section classrooms for notes, links, images and PDFs, with pending submissions and administrator approval before publication
- Integrated Cloudinary uploads and approved-file viewing/downloads, with cookie-based admin access and startup validation for required credentials

Skills

Languages and data: C#, TypeScript, SQL, PostgreSQL, SQL Server, MySQL

Applications: ASP.NET Core Web API / MVC, Entity Framework Core, WinForms, REST APIs

Delivery: Git/GitHub, schema design, validation, debugging, UAT, AI-assisted coding with review

Education

Sir Syed University of Engineering & Technology Expected 2028

Bachelor of Science in Computer Science | Karachi, Pakistan | CGPA: 3.62/4.00