Yusuf Inam

Final-Year Software Engineering Student | Full-Stack Developer | Flutter, React, Node.js, Laravel, ASP.NET Core

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SUMMARY

Final-year BSc (Hons) Computer Software Engineering student at APIIT Sri Lanka (University of Staffordshire, UK) who builds and runs production software: a freight-forwarding ERP that a Colombo logistics company runs its day on, a live crowd-sourced price-comparison platform with 20 releases, and company websites in daily use. Full-stack range across Flutter, React, Node.js, Laravel, ASP.NET Core and Java, plus hands-on infrastructure (Proxmox, Docker, Tailscale) and freight and customs domain knowledge. Active open-source maintainer. Seeking internship and junior software engineering roles.

EDUCATION

BSc (Hons) Computer Software Engineering | Final Year

Asia Pacific Institute of Information Technology (APIIT), Colombo, Sri Lanka, in affiliation with the University of Staffordshire, UK | Expected graduation 2027

- **Final Year Project:** in progress.
- **Coursework:** object-oriented design in Java, SOLID, clean coding, error handling, design patterns (Factory Method, Abstract Factory, Facade, Strategy, State, Builder, Observer), research methods.
- **LudoT (Java):** a board game engine using State, Builder, Observer and Mediator patterns, with unit tests.

SKILLS

Languages: TypeScript, JavaScript, Dart, Java, PHP, C#, Python, SQL

Frontend: React, Material UI, Redux Toolkit, Flutter, Next.js, Astro, Electron, Tailwind CSS

Backend: Node.js, Express, Laravel, Livewire, ASP.NET Core, REST APIs

Data and Cloud: PostgreSQL, SQLite, Prisma, Supabase, Firebase, Stripe, Cloudflare (Workers, D1, R2), Oracle Cloud

Infrastructure: Proxmox, Docker, Portainer, nginx, Tailscale, GitHub Actions, CI/CD, CodeQL, backups

Practices: Git, Agile and Scrum, OOP, SOLID, design patterns, MVC, automated testing, role-based access control, offline-first and sync design, technical documentation, open-source maintenance, freight and customs domain (CUSDEC, HS codes)

EXPERIENCE

Freelance Software Developer

Neptune Logistics and Neptune Trading, Colombo, Sri Lanka (remote) | May 2026 - Present

- Built Neptune ERP end to end, the system a freight forwarder runs its whole day on, replacing an Excel and Word workflow: shipment jobs tracked through 14 statuses, 22 operational documents, an in-house customs declaration (CUSDEC) builder with HS tariff codes and duty calculation, a 6-step quotation builder, invoicing, customer ledgers and a double-entry ledger with period locks. 1,100+ commits and in daily production use.
- Delivered the desktop app (Electron with automatic updates and offline use), the shared server and a customer portal, with 13 permission-checked roles enforced in the service layer and a full audit trail.
- Set up and run the infrastructure: PostgreSQL in Docker on a Proxmox container managed with Portainer, private access over Tailscale, nightly backups with restore drills, and a streaming-replica standby on Oracle Cloud with a rehearsed failover.
- Backed the ERP with GitHub Actions CI (type check, lint, 240+ test files), release and deploy pipelines and Sentry, and wrote the operations, recovery and update runbooks.
- Delivered the production websites for Neptune Logistics (instant quote requests, enquiries emailed through a Supabase Edge Function), Neptune Trading (B2B product catalogues, SEO) and Neptune Business Solutions (print-shop catalogue in Next.js and TypeScript).

PROJECTS

DealSouk: Grocery Price-Comparison Platform | 2025 - Present

Flutter, Node.js, Prisma, PostgreSQL (Neon), Firebase, Vercel, GitHub Actions

- Built three parts for Dubai shoppers: a Flutter shopper app (English and Arabic, web and mobile), a moderator console and a Node.js REST API. 20 releases shipped, 230+ commits.

- Implemented Google, Apple and phone-OTP sign-in, photo scanning before moderation, a token and voucher system, crash monitoring and CI/CD.

LUXWATCH: Luxury Watch Marketplace and Shopper App | 2024 - Present
Laravel 12, Livewire, PostgreSQL (Neon), Stripe Connect, Flutter, Firebase, Vercel
- Built a multi-vendor marketplace with customer, seller and admin roles, admin approval of listings, 360-degree watch views, Stripe Checkout, Stripe Connect payouts and a token-based REST API, plus a companion Flutter shopper app (offline cache, synced cart).

BusLink: Bus Booking App | 2024 - Present
Flutter, Firebase, Stripe, Vercel
- Built one app for three roles (passenger, conductor, admin): live seat maps, Stripe payments and refunds, single-use QR tickets scanned at boarding and analytics, in English, Sinhala and Tamil.

Pull Print: Secure Pull Printing | 2025 - Present
Flutter, ASP.NET Core (C#), Vercel, GitHub Actions
- Built a pull-printing system that holds documents until the owner signs in at the printer, with server-enforced page limits, an admin screen and a free browser demo.

Valora: Game Collection Valuation App | 2025
Flutter, Supabase (PostgreSQL, Edge Functions), Vercel
- Built a collection tracker with prices from four public sources, value history charts, wishlist target alerts, Steam import and a barcode scanner, for web and Android from one codebase.

Ascend Properties: Real Estate Platform | 2025
Astro, React, Cloudflare Workers, D1 and R2
- Built a land and property site with price-per-perch search, a staff admin that turns pasted WhatsApp posts into draft listings, and a customer payments portal.

Media Server Setup: Home Media Server Installer (open source) | 2026 - Present
Python, Docker, GitHub Actions, Cloudflare
- Built a browser wizard that installs and connects a home media server (Jellyfin, Sonarr, Radarr, Prowlarr, qBittorrent, Bazarr and more) and proves it works with a real search. Four install paths, a live demo, full documentation, CI, CodeQL, OpenSSF Scorecard and Dependabot.

SrilankaWatch: Political Accountability Platform | 2025
Next.js, React, Supabase, Python
- Built a public-interest platform that tracks political promises and checks claims against data and news sources, with a Python scraper.

OPEN SOURCE

Kapowarr (comics downloader): maintained public fork | 2026 - Present
Python, Flask, SQLite, Docker, GitHub Actions
- Maintain a public fork of the open-source Kapowarr (upstream Casvt/Kapowarr) with 50+ commits: added Prowlarr and Internet Archive as search sources, real torrent downloads, automatic fallback to another source when a download fails, and RSS monitoring for new releases.
- Fixed crashes and deadlocks in bulk search, hardened security (blocked executable downloads, redacted API keys, safe unpacking of zipped downloads) and built a 143-test suite that runs in CI before Intel and ARM images are published.

Rensaio, a Kaizoku manga downloader: maintained public fork | 2026 - Present
C# (.NET), Docker, GitHub Actions
- Maintain a public fork of Rensaio (upstream maxpiva/Rensaio) with 20+ commits: source failover with a dead-source breaker, gap repair that fills missing chapters, a watchdog that stops hung downloads, and chapter filtering that skips extras and duplicate uploads.
- Added extra library folders, metadata for the Komga reader (summary, genres, reading direction, age rating, covers) and a weekly automated sync with upstream, with OpenSSF Scorecard and Dependabot checks.

CERTIFICATIONS

Agile Software Development: Scrum for Developers | Project Management Institute (PMI) | November 2025