Ajesh Jhalli

Software Engineer

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GitHub
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SKILLS

Programming Languages: HTML, CSS, JavaScript, PHP, Python, C#, C++
Runtimes & Frameworks: Node.js, React, Next.js, Deno.js, HTMX, Claris FileMaker, React Native, Django
Other skills: Linux, Nginx, Azure, PostgreSQL, MySQL, SQLite, Xero API, QuickBooks API

PROFILE

Experienced full-stack software engineer with a deep expertise in relational databases. Skilled in front-end and back-end web development, with extensive hands-on experience building and deploying full-stack applications across various platforms. Frequently takes ownership of projects, managing development from concept to deployment. Adept at integrating APIs, managing cloud infrastructure, and delivering high-quality solutions that meet client needs. Strong problem-solving skills, with a focus on optimising system performance, security, and user experience.

EXPERIENCE

MaJic Solutions Ltd — *Software Engineer*

SEPTEMBER 2021 - PRESENT

- **API Integration & Synchronisation:** Implemented data synchronisation between Xero and FileMaker using Xero Webhooks, optimising workflows via an intermediary Node.js server.
- **Linux Server Management:** Deployed and configured FileMaker Server on Ubuntu Linux, automating backup processes to ensure data redundancy and security.
- **Developed Finance Dashboard:** Architected and implemented a finance dashboard module for a customer portal using Next.js, integrating Azure Table Storage and Blob Storage to sync invoices via a QuickBooks webhook, allowing users to view and download invoices seamlessly.
- **Enhanced Travelport Smartpoint Plugin:** Optimised a C# plugin by automating the addition of passengers' unused flight coupons into bookings, resulting in significant cost savings.
- **Built Booking Web App:** Developed a booking management system in Next.js and Node.js for a research center, integrating it with Claris FileMaker database via FileMaker Data API. Configured Azure B2C for user authentication.
- **Optimised Booking Import Process:** Reduced the processing time for hotel and flight booking imports from minutes to seconds through performance optimization.
- **Customer Support & Maintenance:** Resolved hundreds of technical support tickets, identifying and fixing bugs, and restoring corrupted data to ensure continuous operation.

PERSONAL PROJECTS

Software Developer Costing App | Website | Source Code
A project management and invoice generating app for software developers, built with PHP, PostgreSQL and HTMX.
Personal Website | Website | Source Code
My personal website, built in **Deno.js** and hosted on Deno Deploy.
Multi-tenant CRM | Website | Source Code.
A simple ERP built using Deno.js, PostgreSQL, HTMX and Azure AD B2C.

EDUCATION

Milton Keynes College, Milton Keynes — *BCS Level 4 Software Developer Apprenticeship (IfATE V1.1)*

SEPTEMBER 2021 - FEBRUARY 2024