Haider Wain

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PROFILE

Software Engineer with 4 years of experience building full stack applications. I have scaled platforms from early-stage setups to serving 400k+ users, focusing on performance, reliability, and clean system design. I enjoy working end to end, from designing APIs and databases to shipping features that have real impact. I regularly use AI tools like Claude and Cursor to understand large codebases faster, debug tricky issues, and improve the quality of my work.

EDUCATION

University of Essex   United Kingdom
MSc Advanced Computer Science (Distinction)   *Sept. 2024 – Sept. 2025*

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, HTML/CSS, C/C++
Frameworks: Node.js, NestJS, React, Next.js, ExpressJS
Skills: PostgreSQL, MySQL, MongoDB, Redis, Microservices, Kafka, REST APIs, CI/CD, Docker, Git, Stripe, Observability, Debugging, Clean Code, Claude, Cursor, AI-assisted development, Agile, Sentry, Large Language Models

EXPERIENCE

Contract Software Engineer   Dec. 2024 – Feb 2025
Manor Carpets   *United Kingdom*
- Developed a full-stack web application from scratch for a local flooring business to support online ordering
- Grew the website from 0 to 10,000+ users, achieving a 4.9 average rating
- Used Claude and Cursor to speed up development, debug issues, and improve code quality

Software Engineer   Feb. 2024 – Aug. 2024
Kisaan
- Integrated OpenTelemetry across 3 microservices to improve observability, reduce debugging time by 40%, and improve overall system health using Elastic Stack
- Improved real-time error tracking by 70% by adding Sentry, helping the team catch production issues faster and improve code stability
- Worked on backend services supporting a consumer-facing platform used by a large and growing user base
- Designed internal tools to digitise onboarding and order processing, reducing manual work by 90% and improving operational efficiency

Software Engineer   Nov. 2022 – Jan. 2024
Dastgyr   *United Kingdom*
- Helped grow a B2B platform to 10,000+ small businesses, supporting UK and international launches
- Implemented a universal wallet system to manage user credits and debits with clear, user-specific ledgers
- Improved seller performance metrics by 13% by building an incentive and badge system based on real usage data
- Used Claude to reason about complex flows, edge cases, and system behaviour when debugging production issues
- Increased average order value by 6% by adding a rewards system that encouraged repeat purchases

Software Engineer   Aug. 2021 – Oct. 2022
GrocerApp
- Contributed to scaling a consumer platform from early stage to **400k+ users**
- Increased total orders by 15% by adding customer profiling and gamification features based on order history
- Integrated Zendesk into core systems, reducing live support traffic by 80% during rapid user growth

PROJECTS

Largue Langauge Models In Information Retrieval System   Mar. 2025 – Sept. 2025
Dissertation
- Built a Python and LLM based information retrieval system combining dense retrieval, reranking, and query rewriting
- Used **Claude** extensively to experiment with prompts, debug system behaviour, and improve results
- Improved retrieval quality significantly compared to traditional keyword-based approaches by integrating LLMs into the pipline