

Muhammad Ahsan Amin Khan

United Kingdom | +44 7884 878849 | ahsanaminwork@gmail.com | linkedin.com/in/ahsan-khan99 |
github.com/ahsankhan99

PROFESSIONAL SUMMARY

Software Engineer with an M.Sc. in Artificial Intelligence and Data Science and 2+ years of experience building and maintaining scalable production web applications. Strong analytical background with hands-on exposure to CI/CD concepts, API integration, performance optimisation, and test-driven development. Motivated to transition into an IT Operations role, contributing across DevOps, production support, or service reliability functions.

EXPERIENCE

Frontend Developer

Feb 2024 – May 2024

HashStack

Islamabad, PK

- Developed and maintained scalable eCommerce and event platforms using Next.js, ensuring high availability and consistent performance across production environments.
- Reduced average page load times by 30% through code-splitting, lazy loading, and optimised API consumption – directly improving system responsiveness and user-facing reliability.
- Reduced production bugs by implementing a Jest/RTL test suite achieving 85% coverage for critical user flows, enabling earlier regression detection.
- Integrated a Headless CMS to decouple content management from deployment cycles, reducing developer dependency for routine content updates.

Frontend Developer

Jan 2023 – Jan 2024

TechTribe Solutions

Islamabad, PK

- Built data-intensive dashboards for FinTech and Real Estate platforms, managing complex live datasets and maintaining system responsiveness under load.
- Led a full legacy React codebase refactor, improving Lighthouse performance scores by 40% and reducing JS bundle sizes by 15–25%, resulting in measurably faster delivery pipelines.
- Integrated ML inference and live data APIs into production React applications, implementing robust error handling and retry logic to maintain uptime.
- Wrote component-level and API interaction tests using React Testing Library, improving confidence in production deployments and reducing rollback frequency.

EDUCATION

University of Hull

Hull, UK

M.Sc. in Artificial Intelligence and Data Science – Distinction

May 2024 – June 2025

- Coursework: Big Data and Data Mining, Applied AI, Data Science, Research and Application in AI – covering large-scale data pipeline design, ML systems, and cloud-based infrastructure concepts.

COMSATS University Islamabad

Islamabad, PK

B.Sc. in Computer Science – Merit

Sept 2018 – March 2023

- Coursework: Operating Systems, Data Structures, Database Systems, Computer Networks, Web Technologies, Mobile App Development.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, HTML, CSS

Frameworks & Libraries: React, Next.js, Node.js, Express.js, Tailwind CSS

Tools & Platforms: Git, GitHub, Postman, Figma, VS Code

Testing: Jest, React Testing Library (unit, integration, API interaction tests)

Other: REST APIs, JWT Authentication, Responsive Design, Agile Methodologies

ADDITIONAL INFORMATION

Work Authorisation: Right to work in the UK