

Ahsan Ali Janjua

+44 7842602951 | ahsanalijanjuar@outlook.com | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Computing graduate with First Class Honours (84%) and experience in full-stack development, AI-powered applications, and educational technology platforms. Skilled in React, Next.js, TypeScript, and cloud services with multiple deployed production applications. Completed 70+ hours of virtual placements with EA, Citi, HPE, and AWS.

EDUCATION

University of East London | London, UK

BSc (Hons) Applied Computing (Top-Up) – First Class Honours (84%)

September 2024 – May 2025

Core Modules and Grades:

- CN6000 Mental Wealth: Professional Life 3 (Dissertation Project) – **79%** (40 credits)
- CN6003 Computer and Network Security – **97%** (20 credits)
- CN6007 Work Based Learning – **88%** (20 credits)
- CN6004 Project Management – **73%** (20 credits)
- CN6001 Enterprise Architecture and Cloud Computing – **60%** (20 credits)

The Millennium University College | Pakistan

Pearson BTEC Level 5 Higher National Diploma in Computing (Security) – Pass

April 2020 – August 2022

Core Units and Grades (All Units Passed):

- D/615/1618 Programming – Pass (15 credits, Level 4)
- H/615/1619 Networking – Merit (15 credits, Level 4)
- Y/615/1620 Professional Practice – Pass (15 credits, Level 4)
- H/615/1622 Database Design & Development – Pass (15 credits, Level 4)
- K/615/1623 Security – Merit (15 credits, Level 4)
- T/615/1625 Managing a Successful Computing Project – Pass (15 credits, Level 4)
- T/615/1639 Computing Research Project – Pass (30 credits, Level 5)
- M/615/1641 Business Intelligence – Pass (15 credits, Level 5)
- T/615/1656 Cryptography – Pass (15 credits, Level 5)
- F/615/1658 Forensics – Pass (15 credits, Level 5)
- F/615/1661 Information Security Management – Pass (15 credits, Level 5)
- H/615/1631 Software Development Lifecycles – Merit (15 credits, Level 5)
- R/615/1633 Website Design & Development – Pass (15 credits, Level 4)
- Y/615/1651 Advanced Programming – Pass (15 credits, Level 5)
- Y/615/1682 Database Management Systems – Pass (15 credits, Level 5)

PROJECTS

Medical Assistant Chatbot | React, Next.js, TypeScript, Supabase, OpenAI GPT-4

Jan 2025 – May 2025 | [Live Demo](#) | [GitHub](#)

- Developed AI-powered healthcare chatbot achieving **75% Top-1** and **100% Top-3** diagnostic accuracy, outperforming Ada Health (52%) and Babylon Health (40%) across 20 clinical vignettes
- Implemented responsive UI with dark/light modes, authentication, and privacy-aware architecture using Supabase PostgreSQL backend

TOEFL iBT 2026 Practice Platform | Next.js, TypeScript, Supabase, OpenAI API, TailwindCSS

2024-2025 | [Live Demo](#)

- Full-stack adaptive test prep platform mirroring the official TOEFL 2026 format. Features AI-powered Speaking/Writing evaluation using Whisper and GPT-4o
- Implemented multistage adaptive testing with 700+ question bank across 4 sections, real-time audio recording, progress analytics with band scoring, and auto-save functionality

PI Tutors - Math & Physics Tutoring Platform | Next.js 14, TypeScript, Supabase CMS

2024 | [pitutors.com](#) | [GitHub](#)

- Built full-stack tutoring platform with **Supabase-powered CMS** enabling direct blog post creation, session booking system, and automated email notifications via Resend API
- Implemented responsive design with Framer Motion animations and PostgreSQL database for content management

EXPERIENCE

Virtual Software Engineering Placement | Remote

The Forage Platform (EA, Citi, HPE, Walmart, Wells Fargo, AWS, Verizon)

April 2025

- Completed 70+ hours of work-based learning simulations covering game development, cloud computing, FinTech systems, and secure data analytics pipelines
- Applied theoretical concepts to real-world problems including back-end development, CI/CD pipelines, and SDLC practices

Retail Merchandiser | London, UK

Tesco (Dee Set Agency)

October 2024 – January 2025

- Maintained optimal inventory levels and visual merchandising standards
- Delivered excellent customer service in fast-paced retail environment

Real Estate Support Specialist | Remote

Freelance

April 2020 – October 2024

- Generated qualified leads via cold calling and maintained detailed CRM systems
- Conducted quality assurance on sales calls with analytical feedback

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C++, HTML/CSS, SQL

Frameworks: React, Next.js 14, Node.js, Tailwind CSS, Framer Motion, Shadcn/ui

Tools & Platforms: Git, GitHub, Vercel, Supabase (PostgreSQL), REST APIs, CI/CD, Resend Email API

AI & Cloud: OpenAI GPT-4o, Whisper API, AWS, Docker, Adaptive Learning Algorithms, Microservices

CERTIFICATIONS

AWS APAC Solutions Architecture | IBM Cybersecurity Analyst Professional | GE Aerospace Digital Technology | Accenture Developer & Technology | Wells Fargo Software Engineering | Walmart Advanced Software Engineering | HPE Back-End Development

ACADEMIC ACHIEVEMENTS

- First Class Honours (84%) – BSc Applied Computing
- Distinction in Dissertation Project (79%) – Medical Assistant Chatbot achieving 75% diagnostic accuracy
- Exceptional performance in Computer and Network Security (97%)
- Strong work-based learning outcomes (88%)
- BTEC HND Computing (Security) – Achieved 3 Merits across 15 units