

# Harshpreet Kaur

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## TECHNICAL SKILLS

**Hard Skills:** HTML, JavaScript, SQL, XML, JSON, Java, PHP, Python, C#, AWS, Oracle, Windows, Manual Testing, Performance Testing, System Integration Testing, Unit Testing, User Acceptance Testing, Agile SDLC, DevOps, SQL, Data Architecture, Git, Full-Stack Development

**Soft Skills:** Problem-Solving, Team Collaboration, Communication, Adaptability, Attention to Detail, Time Management, Leadership, Continuous Learning

## EDUCATION

### University of Greenwich

*Bachelor of Computing*

London, UK

*Sept. 2022 – August 2025*

### Sri Guru Nanak Public School

*GPA: 8.3*

*Sept. 2019 – July 2022*

- (A-Levels) Computer Science: 88, Physics: 86, English: 88

## EXPERIENCE

### Software Engineering Fellow

July 2024 – Present

*Headstarter AI*

- Developed 5 unique AI projects, with a final challenge to secure 1000 waitlist sign-ups, 1000 new accounts, or generate \$1000 in revenue.

### Software Developer

May 2024 – Present

*Adventroz*

- Developed a dynamic city exploration full-stack web application using React, enabling users to discover and explore various global destinations seamlessly
- Leveraged OpenAI API for real-time generation, enhancing user engagement with real-time, AI-driven content
- Implemented advanced state management and navigation, utilizing React hooks and state to ensure smooth transitions and intuitive user interactions.

### Desktop Engineer

May 2024 – Present

*University of Greenwich*

*London, UK*

- Providing support for hardware and software maintenance of existing systems, including fault diagnosis, installation, and configuration of various operating systems.
- Providing IT support within general teaching spaces and computer laboratories during live lectures and classes.
- Responsible for ensuring that all equipment and facilities are in proper order, and addressing any issues that may arise during opening and closing duties.

## PROJECTS

### Adventroz | *React.js, Node.js, MySQL, OPENAI API, Git*

May 2024 – Present

- Developed a comprehensive travel planning platform using React and Node.js
- Utilized React for the frontend to create a dynamic and responsive user interface, and Node.js for the backend to handle server-side logic and API integrations.
- Managed user data, travel destinations, and itinerary plans efficiently with MySQL, ensuring high performance and reliability.
- Integrated AI capabilities to generate real-time descriptions and travel recommendations, enhancing user experience and engagement on the platform.

### InsurifyAI | *Python, React.js, uAgents, OPENAI API*

June 2024

- Developed an AI-powered application to assess Defined Benefit Pension Schemes.
- Implemented an extraction agent to parse and analyze key information from pension documents, including age, tenure, and post-mortem benefits.
- Utilized a large language model to generate Python scripts for pension cost estimation, automating the process with employee data and saving outputs for detailed analysis.
- Created a mathematical model to evaluate risk factors and determine insurance premium plans, considering variables like life expectancy, health risks, and inflation.