

## Harshpreet Kaur

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| GitHub: <https://github.com/Harshpreetkaur98> | Portfolio: <https://harshpreetkaur98.github.io/Portfolio/>

### TECHNICAL SKILLS

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**Programming:** Java, Python, JavaScript, HTML/CSS, PHP, C#, SQL, Node.js, React.js, Next.js, Vue.js, AWS, DevOps, AI/ML, SDLC  
**Tools:** IntelliJ, PyCharm, Eclipse, AWS, Jupyter Notebooks, Git, Bootstrap, Agile, Figma, Vercel, Azure, Postman, Trello

### SOFT SKILLS

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Communication, Problem-Solving, Team Collaboration, Adaptability, Time Management, Leadership, Work Ethic, Customer Service, Innovative, Focused, Reasonable, Dedicated, Organised

### EDUCATION

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#### University of Greenwich

London, UK

BSc in Computing

Expected Graduation, May 2025

- **Grade:** First Class in 1<sup>st</sup>, 2<sup>nd</sup> year
- **Related Coursework:** Machine Learning, Objects & Design, Computer Organization & Programming, Artificial Intelligence, Object-Oriented Programming

### EXPERIENCE

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#### Software Developer

Adventroz

May 2024 – Present

- Developed a dynamic city exploration full-stack web application using React, enabling users to discover and explore various global destinations seamlessly (<https://adventroz.com/>)
- Implemented advanced state management and navigation, utilizing React hooks and state to ensure smooth transitions and intuitive user interactions.

#### Desktop Engineer

University of Greenwich

London, UK

May 2024 – Present

- Providing support for hardware and software maintenance of existing systems, including fault diagnosis, installation, and configuration of various operating systems.
- Work collaboratively and proactively within IT support team to improve customer care and IT services.

#### Software Engineering Fellow

Headstarter AI

July 2024 – Sept 2024

- Built and deployed 5 AI projects in 5 weeks using React JS, Next.js, Firebase, Clerk, and Vercel, following agile methodologies with weekly sprints and incorporated CI/CD practices for iterative deployment
- Developed a personal website using React.js, Node.js.
- Collaborated with a team to develop a course generator website as the final project.

### PROJECTS

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#### Adventroz (<https://adventroz.com/>)

Software Developer

May 2024 – Present

- Developed the Adventroz website with a team using React.js, Node.js, MySQL and OPEN AI API.
- Integrated AI capabilities to generate real-time descriptions and travel recommendations, enhancing user experience and engagement on the platform.
- Managed user data, travel destinations, and itinerary plans efficiently with MySQL, ensuring high performance and reliability.

#### Insurify AI (<https://github.com/Harshpreetkaur98/FetchAI>)

London, UK

Team Member, AI Summit London 2024 Hackathon

June 2024

- Developed an AI-powered application to assess Defined Benefit Pension Schemes using Python, React.js, uAgents, Open AI API
- Utilised a large language model to generate Python scripts for pension cost estimation, automating the process with employee data and saving output 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.

### ACTIVITIES AND LEADERSHIP

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#### Greenwich Student Union, Women in STEM society

London, UK

Vice President (Organising Events, Technical workshops, Hackathons)

May 2024 - Present