

# Hamza Kamal

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## SKILLS

### Technical:

Python, JavaScript, C#, Java, C++, SQLite, HTML, CSS, Django, React, PyGame, Firebase, Langchain, Bootstrap, Open Street Maps, OpenAI, Ollama, Azure AI Foundry, Azure AI Search, Azure Blob Storage, Azure SQL DB, Azure DevOps, Azure App Service, YAML

### Soft:

Leadership, Problem-Solving, Communication, Agile Methodologies, Sprint Planning, Stand-up Meetings

## EDUCATION

### University of Washington, Bothell, WA

*Bachelor's in Computer Science and Software Engineering*

Sep 2023 - Current

## RELEVANT COURSES

- Data Structures and Algorithms
- Analysis and Design
- Hardware and Computer Organization
- Operating Systems
- Intro to AI

## LINKS

**GitHub:** [github.com/kamal-hamza](https://github.com/kamal-hamza)

**LinkedIn:** [linkedin.com/in/kamal-hamza/](https://linkedin.com/in/kamal-hamza/)

## EXPERIENCE

### Software Engineer Intern

June 2025 - August 2025

*Quadrant Technologies*

- Built a Job Recommendation AI Feature with Azure AI tools, improving accuracy from inconsistent results to 100% in manual testing.
- Developed and optimized 5+ build/release pipelines in Azure DevOps, reducing deployment time by 40%.
- Developed 20+ backend API endpoints in Django to expand web app features.
- Deployed the site on Azure App Service for 500+ employees.
- Enhanced HR Portal and Recruitment Services in React, increasing user satisfaction by 60%.

### Software Developer - .NET Framework to .NET Core

December 2024 - June 2025

*Fraser River Software*

- Migrated legacy ASP.NET app to .NET Core 8.0, boosting performance and compatibility.
- Refactored codebase using modern .NET Core practices like dependency injection.
- Performed comprehensive testing and debugging to ensure post-migration stability.

### Team Lead for MAPS Hackathon

August 2024

*Muslim Association of Puget Sound*

- Led development of a room reservation app, spearheading the frontend with React and Firebase.
- Managed team tasks and communication to ensure effective collaboration.

## PROJECTS

### Unix-like File System

- Built a Unix-like file system in C with hierarchical directories, file metadata, and efficient storage.
- Developed custom read/write and directory traversal functions to simulate core OS file operations.
- **Technologies used:** C.

### Review Website

- Created a product review site with user authentication, CRUD operations, and AI-powered summary generation.
- **Technologies used:** JavaScript, HTML, CSS, React, Django, Langchain, Bootstrap, Ollama.