

Shadman Shahzahan

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portfolio: shahzahansportfolio.netlify.app

Education

Bachelor of Arts in Computer Science

September 2022 - July 2026

Seattle Pacific University (Seattle, WA)

Minor in Data Analytics

Relevant Coursework: Data Structure, Algorithm, Machine Learning, Application to Programming, Statistical modeling, Web Development, Amazon Web Services, Software Development

Clubs/societies: Treasurer of the Seattle Pacific University's Developer club

Experience

Walmart

September 2024 – Seasonal

Sales Specialist (Vancouver, WA)

- Organized 100+ merchandise to increase the number of sales and attract customers per day.
- Assisted 100+ customers with merchandise, promotions, and policies per day.
- Maintained high levels of productivity, consistently meeting or exceeding operational efficiency targets.

Open Source AI Hackathon (Microsoft) | Redmond, WA

May 2024

Project: Lexi (AI Voice Translator) | Python, Symbl.ai API, OctoAI API, LongChain API, Tkinter

- Developed an AI voice translator using Python and Symbl.ai for real-time speech-to-text conversion.
- Integrated OctoAI for advanced language translation and LangChain for context-aware responses.
- Built a user-friendly interface with Tkinter for efficient interaction with the translator.

Projects/Certifications

VCT Team Builder (AI Chat Box)

October 2025

Powered by Amazon & Riot | *Python, Amazon Bedrock, Prompt En, Streamlit, Boto3, IAM, Prompt Engineering*

- Developed an AI chat box for Valorant Esports players emphasizing team-building and info retrieval.
- Enhanced accuracy and relevance for esports queries through prompt engineering.
- Utilized Amazon Bedrock for a reliable backend, seamlessly integrated with Python, Streamlit, and AWS.
- Put together a secure AWS environment with IAM and workflows to improve teamwork.

Seattle Concert Finder

September 2024

Chrome Extension | HTML, CSS, Javascript, Ticketmaster API, jQuery, Chrome Extensions API

- Developed a Chrome extension to display upcoming concerts in Seattle using the Ticketmaster API.
- Fetched concert data dynamically from the Ticketmaster API and displayed it in a user-friendly format.
- Designed a clean and responsive UI using HTML and CSS for seamless interaction across devices.

Tic Tac Toe | C++, Clion IDE

June 2024

- Software Engineering: By applying object-oriented programming principles, developed a robust Tic Tac Toe game.
- Developed game logic for player moves, win/draw conditions, and turn-switching.
- Integrated input validation and error handling to ensure a smoother user experience.

Certification: Building Language Models on AWS

October 2024

Amazon Web Services

- Gained hands-on experience in developing and deploying scalable language models using AWS services such as Amazon S3, Lambda, CloudWatch, SageMaker Profiler, and SageMaker Studio.

Technical Skill

Languages: C++, Python, Assembly, Java, HTML, CSS, JavaScript, PHP, SQL, PHP, Kotlin, Ruby GO, and R

Frameworks/APIs: TensorFlow/PyTorch, Django/Flask, React.js/Angular, Node.js/Express.js, AWS Lambda & SageMaker, Tkinter/PyQt, Symbl.ai, OctoAI, LangChain, Azure Services, Streamlit, Agile and Google Cloud API

Cloud Platform: AWS, Azure, Heroku, Firebase, and Google Cloud Platform (GCP)

Tools: CLion, VS Code, Git/GitHub, SageMaker Studio, Python SDK, QT, Docker, My SQL, CMD, Bash, Eclipse, CI/CD Tool, Shadow, Automated Testing, Performance Testing, Unit Testing, NPM, Blockchain, and Synt