Shadman Shahzahan

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Portfolio: https://shahzahansportfolio.netlify.app

EDUCATION

Seattle Pacific University   Seattle, WA

Bachelor of Arts in Computer Science, Minor in Data Analytics   *Expected July 2026*

- Treasurer, SPU Developer Club
- Relevant Coursework: Data Structures, Algorithms, Machine Learning, Web Development, AWS, Software Engineering

TECHNICAL SKILLS

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

Frameworks/Libraries: Django, Flask, React.js, Node.js, Express.js, TensorFlow, PyTorch, LangChain, Tkinter, PyQt, Streamlit

Cloud/DevOps: AWS (Lambda, S3, SageMaker, Bedrock), Azure, Firebase, GCP, Heroku, Docker, CI/CD

Tools: Git/GitHub, VS Code, Eclipse, CLion, Bash, MySQL, Chrome Extensions API, JIRA, Agile, Snyk

PROJECTS

AI Voice Translator – Lexi (Microsoft Hackathon) | *Python, Symbl.ai, OctoAI, LangChain, Tkinter*

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

VCT Team Builder (AI Chatbot for Esports) | *Amazon Bedrock, Streamlit, Python, AWS IAM*

- Designed an AI chatbot to assist Valorant esports players in team-building and strategy
- Implemented secure IAM roles and optimized prompt engineering
- Utilized Amazon Bedrock for a reliable backend, seamlessly integrated with Python, Streamlit, and AWS

User-Tracker Discord Bot | *Python, MongoDB, Discord API*

- Built an automated tracking system using discord.py and MongoDB to monitor user activity (messages, reactions, join/leave events) without manual input
- Optimized async functions and Mongo queries to support scalable usage across multiple servers
- Created modular cogs for automated logging, command processing, and user stat updates

Seattle Concert Finder (Chrome Extension) | *JavaScript, HTML/CSS, Ticketmaster API*

- Built a Chrome extension to fetch and display Seattle concerts via Ticketmaster API
- Fetched concert data dynamically from the Ticketmaster API and displayed it in a user-friendly format
- Designed responsive UI using HTML/CSS and jQuery

EXPERIENCE

Walmart   Vancouver, WA

Sales Specialist   *Seasonal — Sep 2024*

- Managed and organized 100+ merchandise items daily to optimize sales floor layout and visibility
- Assisted 100+ customers per shift with product information and policy inquiries
- Recognized for exceeding KPIs and maintaining operational efficiency

CERTIFICATIONS

Amazon Web Services

Building Language Models on AWS   *Oct 2024*

- Gained hands-on experience with S3, Lambda, SageMaker, CloudWatch, and SageMaker Studio