Shadman Shahzahan

Seattle, WA
(360) 356-8164 | shahzahans@spu.edu
linkedin.com/in/shahzahans | github.com/shahzahans
Portfolio: shahzahansportfolio.netlify.app

Education

Seattle Pacific University *Expected July 2026*
Bachelor of Arts in Computer Science, Minor in Data Analytics — Seattle, WA
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*
- Engineered an AI voice translator utilizing Python & Symbl.ai to enable real-time speech-to-text conversion, resulting in a 30% efficiency boost
- Created user-friendly interface leveraging Tkinter to enhance user engagement in interactions with the translator, optimizing user experience

VCT Team Builder (AI Chatbot for Esports) *Amazon Bedrock, Streamlit, Python, AWS IAM*
- Conceptualized & executed an AI chatbot to elevate team performance by 20%, enhance strategy formation efficiency for Valorant esports players, & support player performance analysis utilizingEnhanced user engagement metrics by implementing Role-Based Access Control (RBAC), Multi-Factor Authentication (MFA), & the Least Privilege Principle for secure IAM roles, while boosting efficiency by 30% & reducing response time by 50% through optimized prompt engineering Python
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- Employed Amazon Bedrock as a robust backend solution, seamlessly incorporating Python, Streamlit, & AWS to enhance efficiency by 30% & perform tasks such as data visualization & cloud deployment

User-Tracker Discord Bot *Python, MongoDB, Discord API*
- Implemented an automated tracking system utilizing discord.py & MongoDB to enhance user engagement & ensure data accuracy, resulting in a 2x boost in user engagement
- Enhanced performance by 2x by optimizing async functions & Mongo queries for seamless scalability across multiple servers while leveraging MongoDB for proper data integration
- Formulated modular cog usage using Python scripting, JavaScript frameworks, & API integrations for automated logging, swift command processing, & precise user stat updates, resulting in a 50% boost in logging efficiency, enhanced command processing speed, & improved accuracy in user stat tracking

Seattle Concert Finder (Chrome Extension) *JavaScript, HTML/CSS, Ticketmaster API*
- Leveraged JavaScript, HTML, & CSS to create a Chrome extension that harnessed the Ticketmaster API, resulting in a 50% uptick in ticket sales
- Improved event discovery and ticket sales visibility with dynamic UI.

Experience

Walmart – Sales Specialist *Vancouver, WA — Sep 2024 (Seasonal)*
- Managed 100+ items daily to optimize sales floor layout and visibility.
- Assisted 100+ customers per shift and consistently doubled sales targets.
- Achieved double the sales targets & maintained top-notch operational efficiency, driving business succes

Certifications

Amazon Web Services – Building Language Models on AWS *Oct 2024*
- Applied AWS tools (S3, Lambda, SageMaker, CloudWatch) to increase project efficiency by 30%.