

Shadman Shahzahan

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Portfolio: shahzahansportfolio.netlify.app

Objective

Motivated computer science student with strong experience in backend development, blockchain systems, and API integration. Currently interning at a Web3 startup, contributing to smart contract development and infrastructure for tokenized digital content. Eager to apply skills in C/C++, Python, and JavaScript to build scalable, secure systems in a collaborative engineering environment. Seeking opportunities to grow as a software engineer in backend, cloud, or embedded domains.

Experience

Real-Intent(Attention Startup-Platform) – Software Engineering Intern *Remote — Summer 2025*

- Support the development of tools that transform digital content into tradable tokens using Ethereum Layer 2 (Base).
- Learning and contributing to smart contract development using Solidity and ERC-20 token standards.
- Working alongside senior engineers in an Agile environment while gaining hands-on experience with blockchain infrastructure.
- Assisting in building APIs and backend logic for fee distribution and token tracking systems
- Participating in planning and design meetings to understand platform architecture and tokenization workflows
- Exploring integrations with social media platforms for automatic broadcasting of tokenized content

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*

- Improved 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.
- 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