SHANE CARNEGIE

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SKILLS

Languages: JavaScript, CSS, HTML, Python, Java, C#, C++, Swift
Frameworks and Databases: React, NodeJS, MongoDB, SQL
Tools: Sublime Text, Git/GitHub, Visual Studio
Artificial Intelligence and Machine Learning

CERTIFICATIONS

Business Specialist

Front-End Web Specialist

Computer Programming Specialist

AWS Certified Cloud Practitioner

AWS Certified Solutions Architect – Pending

WORK EXPERIENCE

West Broward Community Management | Fort Lauderdale, Florida   **November 2021 - Present**
Community Association Manager
• Led **weekly Change Management meetings** and daily Scrum, ensuring operational efficiency across multiple communities
• Conducted **end-to-end application testing** and created Change Request documentation, reducing deployment errors by **30%**
• Analyzed and **enhanced legacy applications**, implementing solutions providing improved system performance by **40%**
• Acted as a **liaison for contract negotiations** and managed landscaping & infrastructure projects, saving **$50K annually** through optimized vendor contracts

Comcast | Florida   **January 2023 - May 2023**
Software Engineer/ Mobile Intern
• Developed an **AI-powered automation agent**, increasing team productivity by **45%**
• Engineered **Android and iOS middleware** in Java, improving application compatibility across platforms
• Collaborated on designing **cloud-based platforms**, integrating AWS services to boost system scalability
• Engaged in **pair programming, code reviews, and user story acceptance**, accelerating development cycles by **20%**

PROJECTS

Portfolio Website | React | Node.JS | Bootstrap | https://devopshane.netlify.app/
- Built a **personal portfolio** to showcase projects and skills
- Synthesized **dynamic content loading** and **responsive design**, enhancing user engagement **by 30%**

Robo Advisor for Portfolio and Tax Management | Python | AI | Finance
- Engineered an **AI-powered Robo Advisor** integrating **portfolio analysis** and **tax consultation** using **GPT-4, LangChain, and y-finance**
- Developed a **portfolio management system**, allowing users to **track assets, compute risk metrics, and generate investment insights**
- Implemented **retrieval-based AI for tax queries**, leveraging **BM25, FAISS, and GPT-4** to provide **accurate, legally grounded responses**
- Designed an intuitive **user-friendly interface**, ensuring accessibility for non-technical users

EDUCATION

Bachelor's in Computer Science   **May 2026**
Florida International University – GPA: 3.52 – Dean's List
Member, FIU Init Tech Club (2024 – Present) – Collaborate with peers on tech-focused projects, organize coding workshops, and participate in networking events to bolster software development skills

AS in Software Development   **May 2023**
Broward College – Computer Programming and Analysis, A+ Comprehensive, and Network+
Member, InTech at Broward College (2020 – 2023) – Engaged in a collaborative learning environment by discussing emerging tech trends and contributing to hands-on projects in web/software development, game development, robotics, and cybersecurity