Keanu Sida

Software Engineer

Entry-Level Software Engineer: Eager to Collaborate with Dynamic Teams to Drive Innovation with Cutting-Edge Technologies and Data-Driven Insights.

TECH EXPERIENCE

Software Engineer Bootcamp
TripleTen   Jan 2025 – Dec 2025

- **Front-End:** Acquired foundational skills in responsive and accessible front-end development, utilizing CSS, HTML, JavaScript, React, Redux, and enhanced quality through Test-Driven Development with Mocha.
- **Back-End:** Delved into efficient, secure, & scalable back-end development, employing Express, crafting relational databases with PostgreSQL, & developing APIs utilizing Swagger and OpenAPI.
- **Seamless Integration:** Proficiently connected front-end and back-end components, leveraging the RESTful API architecture and Model-View-Controller design pattern for optimal application structure.
- **Real-World Applications:** Translated theoretical knowledge into tangible results, culminating in the creation of a portfolio website, a Reddit-inspired content sharing application, a comprehensive e-commerce API and client interface, and a PERN application.

Assistant Club Manager, Dock Master
Freedom Boat Club, Mount Pleasant, SC   Sept 2018 – Sept 2023

- **Club Growth & Operational Excellence:** Managed expansion of the club from a fleet of 20 vessels to 64 by the end of my tenure (34% AAGR). Authored original Standard Operating Procedures (SOPs) to adeptly address the intricacies of a rapidly growing operation.
- **Financial Oversight & Communication:** Diligently monitored the weekly budget, ensured timely inventory management, crafted comprehensive weekly reports, and facilitated seamless communication with corporate headquarters.
- **Team Management & Software Integration:** Implemented cutting-edge scheduling software to efficiently manage a team of up to 30 employees. Additionally, oversaw the integration of a new club-wide reservation system and adopted Salesforce as a backend platform.

Data Science and Machine Learning Certification
MIT Schwarzman School of Computing   Nov. 2022

- **Predictive Analysis:** Applied classification and hypothesis testing to devise a hotel cancellation prediction script.
- **Recommendation Systems:** Engineered a sophisticated recommendation engine tailored for a Netflix-inspired app to enhance user experience by curating personalized content suggestions.
- **Data-Driven Decisions:** Armed with modern data science tools and methodologies, turned raw data into actionable business insight.

CONTACT

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SKILLS

Front End:
- HTML
- CSS
- JavaScript
- React.js
- Figma
- Vue.js
- Mocha/Chai
- Three.js
- Next.js

Backend:
- Express.js
- SQL
- Node.js
- OAuth
- Swagger
- OpenAPI

Additional Skills:
- Python/R
- Jira/ClickUp/Monday
- Windows/MacOS/iOS
- UNIX/CLI/Git
- Visual Studio Code

EDUCATION

University of South Carolina
Bachelor of Science

Major in Biochemistry & Molecular Biology; Bioinformatics Concentration
Columbia, SC, USA — December 2020

Awards: 1x Dean's List, 2x President's List, Dean's Scholarship, Palmetto Fellow, Honors College

OTHER

- Avid cruciverbalist & fisherman
- Native German, elementary Japanese language proficiency
- Organizer for Charleston Data Science Meetup Group
- Freelance Web Developer