

JIOVANI BAH

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TECHNICAL SKILLS

Languages: Python, Java, C#, C++, Javascript, HTML/CSS, SQL

Frameworks: React, Flask, Next.js, Tailwind, Node.js, Express.js, NumPy, Bootstrap 5

Libraries: ReactJs, JQuery

Tools: Git, Unix, MongoDB, VSCode, Firebase

Concepts: Frontend, Backend, Agile, Machine Learning, Communication, Teamwork

WORK EXPERIENCE

Junior Software Engineer, George Street Services

Sept 2023 - Present

- Built a recommendation system for Circular, significantly **improving and personalizing** the user experience and engagement time on the platform.
- Utilized **React Native, JavaScript, SpringBoot, REST, Firebase, Docker, MySQL, and Git** to develop over **10 new client products**, ensuring high performance and scalability.
- Performed exceptionally in an **Agile environment** by consistently completing all assigned goals and tasks during sprints, highlighting **adaptability and efficiency**.
- Conducted comprehensive code debugging, website security checks using tools like **ZAP**, and participated in weekly meetings, providing **ideas and an execution plan** for several successful products

Software Engineering Fellow, Headstarter AI

Jul 2024 - Sept 2024

- Collaborated with a partner to develop five **AI projects** and participated in five weekend **hackathons** using technologies like **Python, TensorFlow, and React**, gaining hands-on experience in **AI and full-stack development**.
- Successfully completed a final project, achieving an accepted **PR from an open-source community**, utilizing **Git, GitHub**, and **open-source best practices**, demonstrating strong **version control and collaboration skills**.
- Engaged in weekly **AI coaching calls** and received real-time feedback from professional **software engineers**, enhancing **interview preparation and technical skills** through practical coding, building, and real-world problem-solving.

CDH Engineer, Daly Computers

May 2023 - Aug 2023

- Developed, implemented, and optimized complex stored procedures and functions using **SQL** to **enhance database performance and efficiency**
- Provided comprehensive hardware and software support, including troubleshooting, configuration, and maintenance, for over **50 school systems** across the DC-Maryland-Virginia area
- Installed application software, performed upgrades, and ensured virus protection and driver updates on more than **2,000 laptops**, significantly improving system reliability and security

EDUCATION

Hood College, Computer Science, Bachelors of Science

Aug 2021 - May 2025

Minor in Mathematics, 3.75/4.0 GPA, Worked in IT Department 2+ years

PROJECTS

FitJoy | React Native, TypeScript, Expo, Firebase/Firestore

- Developed a full-stack fitness application using **React Native, TypeScript, and Expo**, encompassing features such as **food logging, recipe creation, and personalized workout planning**.
- Implemented a robust backend using **Firebase/Firestore** for real-time data storage and synchronization, enabling seamless user interaction and data management across devices.
- Designed and integrated interactive components including a **fasting timer, social media integration, and dynamic content delivery of motivational quotes and nutrition facts**, enhancing user engagement and retention.

MyBudgetPal | JS, HTML/CSS

- Developed a web-based budgeting application for friends/family but accumulated **over 200 more college students**, addressing the poor user interface of most budget apps.
- Implemented dynamic calculations to track and display budget limits, expenses, and savings. Created an **interactive interface** for users to add, edit, and delete budget categories with **real-time updates**. Designed **sorting and filtering functionalities** to prioritize budgets with the lowest remaining amounts and render dates in a user-friendly format.