JIOVANI BAH

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TECHNICAL SKILLS

Languages: Python, Javascript, Java, C++, SQL
Frameworks: React, Flask, Django, Node, Express, Springboot
Tools: Git, Unix, MongoDB, VSCode, Firebase
Concepts: Frontend, Backend, Agile, Machine Learning, Communication, Teamwork

WORK EXPERIENCE

Junior Software Engineer, George Street Services   **Sept 2023 - March 2025**

- Developed the **front-end UI and recommendation system** for a private social networking app.
- Built and maintained **10+ client products** using **React, React Native, Python, and Firebase**.
- Debugged and secured web applications using **ZAP security checks** and performance optimizations.
- Restored and maintained the **George Street Services website**, implementing security measures after cyberattacks and ensuring stable operation for employee & client recruitment.
- Collaborated in Agile sprints, delivering features and contributing to execution plans.

Software Engineering Fellow, Headstarter AI   **Jul 2024 - Sept 2024**

- Attended weekly mentorship sessions with **former FAANG engineers**, gaining insights on AI, software engineering best practices, and career growth.
- Built an **AI Resume Analyzer** using **Python, TensorFlow, and React**, providing **instant feedback** on resume quality by analyzing skills, formatting, and job match relevance.

CDH Engineer, Daly Computers   **May 2023 - Aug 2023**

- Provided **hardware and software support** for 50+ school systems, maintaining **2,000+ laptops** through installations, upgrades, and security enhancements.
- Developed and optimized **SQL stored procedures** to improve **database performance and efficiency**.

EDUCATION

Hood College | B.S. Computer Science   **Aug 2021 - May 2025**

Minor in Mathematics | GPA: 3.75/4.0 | 2 years in IT Department

PROJECTS

Sentiment Analyzer | React, Flask, MongoDB, Hugging Face

- Developed an **AI-powered web app** that generates **real-time topic summaries** and performs **sentiment analysis** using **social media & news data**.
- Built **interactive data visualizations** with **D3.js/Chart.js**, analyzing public sentiment trends from Twitter, Reddit, and News APIs.
- Integrated **NLP models (BERT, T5) via Hugging Face** for accurate **summarization & sentiment classification**.

FitJoy | React, TypeScript, Firebase/Firestore

- Built a full-stack fitness web app with **food logging, recipe creation, and personalized workout planning** using React Native, TypeScript, and Expo.
- Integrated **Firebase/Firestore** for real-time data sync and added interactive features like a **fasting timer, social media integration, and motivational content** to boost engagement.

MyBudgetPal | JavaScript, HTML/CSS

- Created a **web-based budgeting app** that gained **200+ student users**, improving usability over traditional budget apps.
- Developed **real-time budget tracking, dynamic calculations, and interactive sorting/filtering**, enhancing financial management.