

KAILASH ANAND

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OBJECTIVE

Motivated Computer Science undergraduate with hands-on experience in full-stack development and backend optimizations. Proficient in Java, React, Node.js, and REST APIs. Seeking opportunities to leverage skills to develop scalable, user-centric web solutions.

EDUCATION

Stony Brook University

Aug 2022 - May 2026

Bachelor of Sciences - Computer Science | GPA: 3.6/4.00 | Dean's List

Stony Brook, NY

Relevant Coursework: Data Structures and Algorithms, Software Development, Computer Networks, Web Security, Offensive Security, Programming Abstractions, System Fundamentals I and II

TECHNICAL SKILLS

Programming: Java, Python, C, JavaScript, SQL | **Frontend:** React, HTML, CSS, Bootstrap

Backend: Node.js, Express.js, ASP.NET Core | **Databases:** MongoDB, MySQL, PostgreSQL

Tools: Git, Docker, GitLab, Wireshark, Snort

WORK EXPERIENCE

Software Development Intern

May 2024 - July 2024

Adani Electricity

Mumbai, India

- Refactored and migrated SOAP-based ASPX web services to RESTful APIs using ASP.NET Core.
- Reduced API response time by 30%, ensuring secure data operations.

Software Development Intern

May 2023 - July 2023

Scope IT Consultations

New York, US

- Built and deployed custom web applications using Appian, a low-code process automation platform, streamlining business workflows.
- Designed interactive user interfaces with Appian's SAIL framework, ensuring responsiveness and cross-device compatibility.

Computer Science Tutor

September 2023 - Present

Stony Brook University

New York, US

- Provided tutoring in OOP, Data Structures, and Logic, improving students' grades.
- Conducted assessments to track and enhance student progress.

PROJECTS

Health Recovery Tracker (Xcode Project)

- Developed a system to track patient recovery post-surgery, integrating Apple Health data (e.g., double standing time, speed, stride, asymmetry).
- Designed a backend to collect and manage patient data, transforming it into Excel for statisticians.
- Built a frontend interface for doctors to log in, view patient records, and download data.

Personal Expense Tracker

- Built a full-stack expense tracker using React (frontend), Node.js/Express (backend), and MongoDB.
- Implemented secure user authentication with bcrypt.
- Designed dashboards for tracking expenses, aiding in spending analysis.

Fake Stack Overflow

- Developed a Stack Overflow using React and MongoDB, enabling user profiles and CRUD operations.
- Ensured secure passwords with bcrypt and implemented responsive design.