Kazi Jamal

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EDUCATION

Stony Brook University Stony Brook, NY
Bachelor of Science in Computer Science – GPA: 3.82/4.0 *August 2020 - Expected December 2023*
- Relevant Coursework: Software Engineering, Cloud Computing, Data Structures and Algorithms, Scripting Languages, Software Security, Computer Networks, Systems Fundamentals

EXPERIENCE

Web Developer July 2021 – Present
Stony Brook University Department of Computer Science *Stony Brook, NY*
- Developing and maintaining websites using the Drupal CMS, PHP, HTML, CSS, and JavaScript
- Deploying Drupal websites to the Pantheon WebOps platform using Docker and Lando to handle high traffic
- Automating data manipulation tasks and speeding up the workflow of six employees by up to two hours per task by writing Python scripts with Selenium and Pandas

Software Engineer Intern March 2022 – September 2022
Gesture *New York, NY*
- Redesigned and developed the animated user interface for sending gifts using React and Framer Motion which made the core experience faster and more intuitive for thousands of users
- Enabled users to share their personalized gift messages, boosting app downloads and social media presence
- Strengthened and created new relationships with business partners by delivering brand partnership features across React and React Native applications in cross-functional sprints

Web Developer August 2019 – December 2020
BlockchainsForSchools *New York, NY*
- Created a promotional website with HTML, CSS, and JavaScript that facilitated partnerships with tech giants like Microsoft, IBM, and Consensys, resulting in funding for educational events
- Developed a React-based web app to boost event awareness, leading to a 30% increase in attendance and participation at nonprofit events

PROJECTS

Collaborative Document Editor | *React, Node.js, Express.js, MongoDB, Redis* October 2022 – December 2022
- Built a performant Google Docs-like editor capable of handling 3,000 requests/sec at 30ms 95th percentile latency
- Improved performance and increased request throughput by 3x using Nginx load balancing and Redis caching
- Enabled real-time collaborative editing with the Yjs CRDT framework
- Enabled intuitive search functionality with autocomplete using Elasticsearch
- Deployed and managed microservices across ten cloud servers using Bash scripts

FitDetector | *React, Next.js, TypeScript, tRPC, MySQL, Prisma, Tailwind CSS* July 2022 – August 2022
- Designed a full-stack web application to identify clothing in photos of celebrities using crowdsourced data
- Developed a responsive React frontend and an end-to-end typesafe API with tRPC
- Enabled user authentication with Google OAuth and image uploads with Cloudinary

Kazi's Library | *React, Node.js, Express.js, PostgreSQL, Prisma, Tailwind CSS* August 2021 – January 2022
- Designed a full-stack web application to track books read by users and resurface highlights parsed from a Kindle
- Developed a responsive React frontend and a Node.js/Express.js REST API to parse Kindle data, fetch metadata from Google Books API, and write data to a PostgreSQL database

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C, HTML, CSS, SQL, PHP, Bash
Frameworks and Libraries: React, Node.js, Express.js, Next.js, Prisma, tRPC, Tailwind CSS, Drupal
Developer Tools: Git, Linux/Unix, Docker, Vercel, Ansible, CI/CD