

# Kazi Jamal

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## EDUCATION

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### **Stony Brook University**

*Bachelor of Science in Computer Science – GPA: 3.83/4.0*

Stony Brook, NY

*August 2020 - Present*

- Anticipated Graduation: May 2024
- Relevant Coursework: Data Structures, Foundations of Computer Science, Programming Abstractions, Systems Fundamentals I, Fundamentals of Software Development, Analysis of Algorithms, 2D Game Programming

### **Stuyvesant High School**

*Diploma with Honors in Computer Science – GPA: 93.25/100*

New York City, NY

*September 2016 – June 2020*

## EXPERIENCE

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### **Stony Brook University Department of Computer Science**

*Web Developer*

July 2021 – Present

*Stony Brook, NY*

- Developing websites using the Drupal content management system, HTML, CSS, and JavaScript
- Deploying Drupal websites to the Pantheon WebOps platform using developer tools such as Docker and Lando
- Writing Python scripts to scrape website data and automate data generation/manipulation tasks

### **Gesture**

*Software Engineer Intern*

March 2022 – September 2022

*New York City, NY*

- Developed two major frontend features with React which improved the experience of sending gifts for thousands of users of the mobile application
- Implemented sharing functionality for a major component of the application which increased app downloads and social media presence
- Worked in sprints alongside frontend and backend engineers to implement brand partnership features across a React Native mobile application, React frontend, and Node.js backend with Firebase
- Participated in the deployment process of major features to a mobile application alongside multiple frontend and backend web services

### **BlockchainsForSchools**

*Web Developer*

August 2019 – December 2020

*New York City, NY*

- Developed a website with HTML, CSS, and JavaScript to promote BlockchainsForSchools and connect the nonprofit with companies such as Microsoft, IBM, and Consensys who helped fund educational events
- Developed a web application with React to showcase events hosted by the nonprofit, allowing users to mark their attendance and get notifications for upcoming events

## PROJECTS

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### **FitDetector** | *React, Next.js, TypeScript, tRPC, Prisma, MySQL, Tailwind CSS*

July 2022 – August 2022

- Developed a full-stack web application to help people find out what clothes their favorite celebrities are wearing using crowdsourced data
- Developed a responsive React frontend and an end-to-end typesafe API with Google OAuth authentication using tRPC, Prisma, and Cloudinary for handling user uploaded images

### **Kazi's Library** | *React, Node.js, Express.js, Prisma, PostgreSQL, Tailwind CSS*

August 2021 – January 2022

- Developed a full-stack web application to track the books I read and resurface highlights parsed from a Kindle
- Developed a responsive React frontend and a Node.js and Express.js REST API to parse highlights from uploaded Kindle files, fetch metadata from the Google Books API, and write data to a PostgreSQL database with Prisma

### **Solon** | *Flutter, Node.js, Express.js, Sequelize, PostgreSQL*

January 2020 – June 2020

- Worked with mentors and a team of three students as a participant in a Google Mentorship Program to develop a mobile application which increases parent engagement in schools and facilitates communication with faculty
- Developed a REST API and administrator web application with Node.js, Express.js, and Sequelize

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Python, Java, HTML, CSS, SQL

**Frameworks and Libraries:** React, Node.js, Express.js, Next.js, Prisma, tRPC, Tailwind CSS, Flask, Drupal

**Developer Tools:** Git, Visual Studio Code, Firebase, Vercel, Heroku, PlanetScale