

Syaam Khandaker

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EDUCATION

Georgia Institute of Technology | Atlanta, GA

May 2026

Bachelor of Science in Computer Science, GPA: 3.83

Dean's List, Sidney Goldin Scholarship

Relevant Coursework: Machine Learning, Artificial Intelligence, Data Structures & Algorithms, Computer Architecture, Databases Systems, Advanced Algorithms, Robotics, Statistics, Computer Vision, Networking

EXPERIENCE

Amazon Web Services

May 2024 - Aug 2024

Software Development Engineer Intern

Seattle, WA

- Developed a custom LLM model integrated with Retrieval-Augmented Generation (RAG) and agent-based solutions, reducing developer debugging time by over **10 hours** per instance
- Designed and implemented RAG infrastructure using team-specific code repositories, achieving a **93%** accuracy
- Built automated ingestion and CDK deployment strategies to save **70+** engineers **2 hours** every week
- **Skills:** Typescript, Python, React.js, Tailwind CSS, Langchain, AWS, Pinecone, Cypress, AWS CDK, Selenium

Runway

Jun 2022 - Mar 2024

CTO and Co-Founder

Atlanta, GA

- Built platform connecting early-stage startups with college students for freelance work, securing a **\$5M** valuation and engaging over **2,000** students and businesses
- Increased business retention by **50%** by implementing candidate recommendations and candidate vetting systems
- Improved student engagement by **40%** through message notification systems with Twilio's SMS services
- Incorporated **10+** AWS, GCP, and Azure features to streamline backend and storage processes
- Developed **10** REST APIs in Node.js for a job board, customer profiles, interviews, and SMS/email notifications
- **Skills:** Typescript, React.js, Next.js, Node.js, Express.js, Tailwind CSS, Redis, FastAPI, MongoDB, Langchain

Probity

May 2023 - Aug 2023

Software Engineering Intern

Herndon, VA

- Developed resume-vetting platform that streamlined the recruitment process, reducing manual effort by **30+** hours per week for recruiters and reduced staffing needs
- Engineered and trained a Python-based NLP model with **95%** accuracy to extract skills from job listings
- Saved employees **5 hours** every month by adding automated backup systems and continuous model updates
- **Skills:** Javascript, Python, React.js, Flask, SQLite, Tailwind CSS, Spacy, Numpy

Bits Of Good

Sep 2023 - Present

Software Developer

Atlanta, GA

- Collaborated with a team to develop a non profit's website, saving non-profit founders **10 hours** weekly by implementing calendar and event tracking features
- Built centralized authentication and email micro-services used by **10+** teams using gRPC and Protobuf
- **Skills:** Next.js, tRPC, MongoDB, Prisma, Tailwind CSS, gRPC, Nest.js, Jest, Protobuf, PostgreSQL, Docker

PROJECTS

Formulytics | Javascript, Node.js, React.js, Bootstrap, AWS EC2, Twilio Studio, MongoDB, Git, Python

Feb 2023

- Won **\$500** for **Best Sports Project & Best Use of Twilio** at **400+** participant hackathon
- Developed **2** REST APIs in Node.js to interact with Twilio API services, user profiles, and a neural network
- Collaborated with teammate to build interactive front end in React.js and Bootstrap

Sellraze Mobile | Typescript, React Native, Tailwind CSS, Redux, Google Firebase, Figma, Git

Dec 2023 - Jan 2024

- Led mobile app development to achieve startup over **\$6M** valuation and build revolutionary AR scanning tool
- Reduced mobile app listing latency by over **10%** for customers to scan for products

Subtext | Typescript, React.js, Tailwind CSS, Chakra UI, Flask, Postman, Hume API, Git

Feb 2024

- Collaborated with team to build a tool that provides a visual representation of tone, catering to deaf people
- Built a user-centric UI/UX design and frontend, interacting with Flask back-end for sentiment analysis

TECHNICAL SKILLS

Languages & Frameworks: Java, MySQL, HTML, CSS/SASS, Swift, C, Gradle, Java Spring, Svelte.js, Hibernate ORM, Oracle JDBC, JUnit

Tools: Github, Tensorflow, Pytorch, Docker, Azure, GCP, Firebase, Maven, Figma, Vercel, Netlify, Postman, OpenAPI, Chakra UI, Material UI