

Ismaeel Akram

Full-stack engineer // Systems administrator // Student
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EXPERIENCE

SmartBooks360 — *Lead developer & designer*

NOVEMBER 2022 - PRESENT

Working with SmartBooks360, an outsourced accounting and bookkeeping solution for small businesses, to create their completely redesigned online presence. [Here's a sneak peek](#).

Prestige Cars — *Lead full stack developer*

AUGUST 2022 - SEPTEMBER 2022

Worked with Prestige Cars, the best chauffeur service in the Cotswolds. Created an online presence for their business and a website backend has a messaging function that alerts their drivers whenever new requests are submitted, and allows their staff to change the website content as needed.

867 Casino — *Lead full stack engineer & administrator*

AUGUST 2021 - JANUARY 2022

Worked with clients and led the development of 867 Casino, a slot-machine game with over **15,000 active users**. Created the backend infrastructure on AWS.

Used React.js, Docker, AWS (EC2, Lightsail, RDS, and S3), Redis, MongoDB, MySQL, TailwindCSS, Flask, Python, Node.js, and REST.

PROJECTS

The Foundry — *Student-run social network*

Working with like-minded students at Brooklyn Technical to create and manage the student-run social network! The Foundry is used for socializing, note-sharing, club organizing, etc.

launchnow — *Quicker approach to microservice deployment*

An open source endeavor that allowed automatic deployment without a CI/CD pipeline. It used a command-line interface to interact with the server, telling it to fetch from your Git repository.

SKILLS

Highly skilled with client-side and server-side software, low-level applications, cloud applications, network engineering, web & mobile apps, Python, JavaScript, Golang, Git, HTML/CSS

Experienced with AWS, DigitalOcean, Google Cloud, SQL/NoSQL databases, Redis, managing Docker solutions

CERTIFICATIONS / AWARDS

- IBM Certified Full Stack Software Developer
- Cisco Certified Network Associate
- BTHS Honor Roll

EDUCATION

Brooklyn Technical High School, New York Biological Sciences

Graduating June 2024