

Yassin Benelhajlahsen

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EDUCATION

CUNY - Brooklyn College

Expected June 2026

Bachelor of Science

New York, NY

- **GPA:** 3.6/4.0
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Programming Paradigms in C++, Computer Architecture, Artificial Intelligence, Discrete Math, etc.

SUMMARY

Aspiring Full Stack Engineer with practical experience in developing and deploying scalable web and mobile applications using React, Node.js, FastAPI, and PostgreSQL. Successfully reduced frontend latency by 25% and improved deployment speed by 40% through optimized full-stack features and automated CI/CD pipelines. Eager to leverage technical skills and hands-on experience to build reliable, high-performance systems in a software engineering role.

PROJECTS

Scorva | *React, Tailwind CSS, Node.js, Express, PostgreSQL*

- Developed and deployed a full-stack sports tracking app for the NBA, NFL, and NHL, enabling live game updates, player profiles, and box scores for 3,000+ historical games using real-time public API data.
- Designed and normalized a PostgreSQL schema for 100,000+ stat records, enabling high-performance queries across 3,000+ players and historical games; built RESTful APIs in Node.js and Express to enable efficient queries and data aggregation.
- Followed MVC architecture and applied object-oriented principles; automated CI/CD workflows via GitHub Actions, Vercel (frontend), and Railway (backend) for rapid deployments and version control.

Sirat | *React Native, Expo*

- Developing a mobile Islamic utility app with React Native, featuring location-based services for prayer times, Qibla direction, and mosque discovery.
- Integrating map and compass APIs for real-time spatial guidance, with a responsive UI and support for multiple geographic regions.

EXPERIENCE

Software Engineering Intern

June 2025 – Present

Soaper

Remote

- Built and optimized full-stack features using React, FastAPI, and PostgreSQL, reducing frontend latency by 25% through improved API efficiency and component performance.
- Architected and deployed cloud infrastructure on AWS and Azure with containerized microservices, improving system uptime to 99.9% and reducing API response times by 25%.
- Implemented comprehensive testing suites and automated CI/CD pipelines using GitHub Actions, accelerating deployment cycles by 40% while reducing production incidents.

Infrastructure Automation Intern

May 2025 – Present

NYC Department of Education – Division of Instructional and Information Technology

New York, NY

- Deployed and configured servers, IP-based systems, and desktop images across NYC schools; scripted automation tools to streamline system rollouts and reduce manual setup time.
- Diagnosed hardware/software issues and executed on-site audits across 5 boroughs; authored technical documentation and collaborated with vendors to support infrastructure reliability.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, C++, SQL

Backend: Node.js, Express, PostgreSQL, FastAPI, SQLAlchemy, RestAPIs, AWS, Azure, CI/CD Pipelines

Frontend: React, React Native, Expo, Tailwind CSS

Developer Tools: Git, GitHub, Expo, Vercel, Railway, Firebase, Postman