

SYED FAZLUL HAQUE MAHEE

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EDUCATION

Adelphi University Garden City, NY
B.Sc. in Computer Science (Software Engineering) Aug 2022 – May 2026

- Dean's List (multiple semesters)

EXPERIENCE

Skairova, AI-Powered Flight-Booking Platform New York, NY
Software Engineer Jan 2025 – Present

- Architected and built a full-stack, AI-powered flight-booking platform end to end, spanning search, booking workflows, and scalable cloud infrastructure.
- Engineered a natural-language search engine that converts conversational travel requests into structured flight-search queries.
- Integrated 5+ travel and payment APIs to enable real-time flight search, pricing, booking, traveler validation, and ancillary services.
- Owned the full development lifecycle — system architecture, backend and frontend engineering, API design, testing, CI/CD, deployment, and performance optimization.
- Secured \$25K in early-stage angel funding and used it to prioritize technical and product direction.

Adelphi University Garden City, NY
Educational Technologist May 2025 – May 2026

- Developed and enhanced Adele, Adelphi University's AI chatbot, implementing conversational flows and LLM/NLP-driven responses to automate faculty and student support.
- Built and maintained web-based interfaces and internal tools that streamlined technology adoption and reduced support volume across the university.
- Integrated enterprise learning platforms (LMS, authentication, lecture capture) through APIs and configuration to ensure reliable virtual learning environments.
- Authored technical documentation and knowledge-base articles to standardize workflows and support ongoing development.

Bridges to Adelphi Garden City, NY
Academic Supervisor & CS Tutor Jan 2025 – May 2026

- Built an automated report-management system that monitored email submissions, organized reports, and streamlined review, significantly reducing administrative workload.
- Mentored 30+ Computer Science students and supervised 10 peer coaches, providing personalized technical guidance.
- Managed and reviewed 100+ weekly coaching reports for quality and consistency in collaboration with faculty and program leadership.

Clarion Hotel New York, NY
IT Support Specialist June 2026 – Present

- Administer a Property Management System for a 290-room hotel and resolve 20–30+ technical issues weekly, ensuring reliable daily operations.
- Train and support 30+ hotel employees on PMS functionality, reservation management, and system best practices.
- Support front-desk, housekeeping, and reservations operations, troubleshooting PMS and software issues to minimize disruptions.
- Analyze occupancy, ADR, and room-inventory data to produce operational reports supporting management decisions.

TECHNICAL SKILLS

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

Frameworks & Web: React, Next.js, Node.js, Express, HTML/CSS, Tailwind CSS, REST APIs, GraphQL

Databases: PostgreSQL, MongoDB, MySQL, Redis

Cloud & DevOps: AWS, Docker, Kubernetes, Git, GitHub Actions, CI/CD, Linux

AI / LLM Integration: OpenAI API, Anthropic Claude API, Gemini, LangChain, RAG, Hugging Face

Practices & Tools: Agile/Scrum, Unit Testing (Jest), Postman, Jira

LEADERSHIP & ACTIVITIES

Association for Computing Machinery (ACM), Adelphi University Chapter Garden City, NY
Secretary