

Fahad Faisal

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EDUCATION

Southeast University <i>Bachelor of Science in Computer Science and Engineering</i>	Tejgaon, Dhaka Nov 2023–present
Kazi azmim uddin college <i>Background Science</i>	Joydebpur, Gazipur 2020 – 2022

EXPERIENCE(DEMO, COPIED FROM TEMPLATE)

Undergraduate Research Assistant <i>Texas A&M University</i>	June 2020 – Present College Station, TX
Information Technology Support Specialist <i>Southeast University</i>	Sep. 2023 – Present Tejgaon, Dhaka
Artificial Intelligence Research Assistant <i>Southeast University</i>	May 2024 – present Tejgoan ,Dhaka

- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub data
- Explored ways to visualize GitHub collaboration in a classroom setting

- Communicate with managers to set up campus computers used on campus
- Assess and troubleshoot computer problems brought by students, faculty and staff
- Maintain upkeep of computers, classroom equipment, and 200 printers across campus

- Explored methods to generate video game dungeons based off of *The Legend of Zelda*
- Developed a game in Java to test the generated dungeons
- Contributed 50K+ lines of code to an established codebase via Git
- Conducted a human subject study to determine which video game dungeon generation technique is enjoyable
- Wrote an 8-page paper and gave multiple presentations on-campus
- Presented virtually to the World Conference on Computational Intelligence

PROJECTS

HMS <i>Java, JavaFX, MySQL</i>	October 2025 – Present
<ul style="list-style-type: none">Developed a Hospital Management System Desktop Application using JavaFX designed with the help of Scene Builder and and used Java for writing controllers.Implemented Different user's login and signup panel by validating data from relational database(mysql)	

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (MySQL), JavaScript, HTML/CSS

Frameworks: React, Node.js, JUnit, WordPress, Material-UI

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib