

# Siratul I.

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## EXPERIENCE

### Software Engineer, Intern

*Hackules Inc.*

Jan. 2024 – Present

*Remote - Wilmington, DE*

- Technologies used: SvelteKit, Flutter, Facebook Graph API, Firebase, Typescript, Dart
- Spearheaded the development of MarkAI, an AI marketing tool featuring interactive graph charts, customizable data sorting, and social media post creation via Facebook Graph API. Built with SvelteKit for a performant and user-friendly experience. Secured user access with Firebase authentication
- Owned the frontend development and app logic for My Jobs, a user-friendly job finder app built with Flutter. Leveraged Material 3 to create an intuitive UI and implemented robust filtering capabilities to streamline user job searches.

### Assistant IT Secretary

*Copernicus Astronomical Memorial of SUST*

Apr. 2024 – Present

*On-site - Sylhet, BD*

- Technologies used: Wordpress

## EDUCATION

### Shahjalal University of Science and Technology

*Bachelor of Science(Hons.) in Physics*

Sylhet, BD

*Fall 2022 – May 2026*

## PROJECTS

### Social Media Website | *Angular, ASP.NET Core, SignalR, PostgreSQL, Docker*

[project link](#)

- Social media website with real-time chat, post creation, commenting, dark/light mode switching
- Implemented REST API, JWT, password encryption
- Used Docker for Scalability and ease of deployment

### Hotel Booking Website | *Angular, ASP.NET Core, SignalR, PostgreSQL, Docker*

[project link](#)

- Full-stack Hotel booking website, allowing users to find hotels by location

### E-Commerce Platform | *Angular, ASP.NET Core, SignalR, PostgreSQL, Android SDK*

[project link](#)

- E-commerce app/website that supports searching, sorting, uploading products with photos
- Built an Android version using Native Android toolkit, Jetpack Compose, Kotlin

### Shakespeare AI | *Android, NextJS, Vercel AI SDK*

[project link](#)

- AI chat-bot that simulated Shakespeare

## TECHNICAL SKILLS

**Languages:** C#, Typescript, JavaScript, Kotlin, C, C++, Rust, Python, SQL, Dart, Lua, Markdown, HTML/CSS/SASS

**Frameworks:** SvelteKit, Next.js, React, Angular, ASP.NET Core, SignalR, Flutter, Android SDK, Jetpack Compose, Node.js, Express, Flask

**Developer Tools:** Docker, Podman, Git, Linux, Bash, Powershell, GCP, CI/CD, Android Studio, Postman

**Libraries:** pandas, NumPy, Matplotlib

## ADDITIONAL EXPERIENCE AND AWARDS

**Harvard University:** Awarded the Harvard CS50x Certificate on Course Completion.

**HackerRank Certifications:** Awarded HackerRank Angular, C#, JavaScript (Basic & Advanced), Java, and Python certifications

**First Prize, Inter Cantonment IT Fest:** Recognized with First Prize for a social media and e-commerce platform

**Third Prize, Notre Dame Science Fest, Senior Projects:** Awarded 3rd prize for a social media website project, out of more than 200 projects