Siratul I.

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EXPERIENCE

Software Engineer, Intern   Jan. 2024 – Present
Hackules Inc.   *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   Apr. 2024 – Present
Copernicus Astronomical Memorial of SUST   *On-site - Sylhet, BD*
- Technologies used: Wordpress

EDUCATION

Shahjalal University of Science and Technology   Sylhet, BD
Bachelor of Science(Hons.) in Physics   *Fall 2022 – May 2026*

OPEN SOURCE CONTRIBUTIONS

svelte-cloudinary | *Svelte, TypeScript, npm*   pull request
- Fixed CldVideoPlayer aspect ratio jump on load in the Cloudinary library for Svelte (PR 108/109, merged into release 1.3.2)

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 | *Jetpack Compose, Android SDK, Angular, ASP.NET Core, PostgreSQL*   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 | *Jetpack Compose, Android SDK, NextJS, OpenAI API*   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, Android SDK, Jetpack Compose, Flutter, React Native, Node.js, Express, Django, 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