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SIRATUL I.

SIRAT.ME

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EMPLOYMENT

Software Engineer, Intern	**Hackules Inc.**	**Jan 2024 - Present**

MarkAI
- Integrated 90%+ features of 3 different social media platforms within MarkAI SaaS.
- Handled authentication of multiple authentication providers including Auth0, Firebase Auth etc.
- Extensively used Facebook Graph API for Facebook and Instagram analytics, feed aggregator, and post creation with image upload. Also used image Cloudinary image service.

MyJobs
- Built a cross-platform mobile app for MyJobs that implemented 100% of the features of MyJobs website using Flutter.
- Utilized Material 3 UI, Firebase authentication and Firestore cloud storage.

EDUCATION

Sylhet, BD	**Shahjalal University of Science and Technology**	**Fall 2022 – May 2026**

- Bachelor of Science (Hons) in Physics, CGPA: 3.25 (Expected)
- Undergraduate Coursework: Mechanics; Linear Algebra; Thermodynamics; Properties of Matter; Programming Languages; Calculus; Advanced Calculus; Nuclear Physics; Theory of Relativity etc.
- Self studied: Software Foundations; Computer Architecture; Algorithms; Operating Systems; Databases; Algorithms; Comp. Architecture etc.

TECHNICAL EXPERIENCE

Projects
- **Social Media Website** (2023). Social media website with real-time chat, post creation, commenting, dark/light mode switching REST API, JWT, password encryption. Uses Angular, C#, TypeScript, ASP.NET Core, SignalR, PostgreSQL, EF Core and Docker.
- **Hotel Booking Website** (2023). Full-stack Hotel booking website, allowing users to find hotels by location. Uses Angular, C#, Typescript, ASP.NET Core, SignalR, PostgreSQL, EF Core and Docker
- **E-Commerce Platform** (2021). Full-stack e-commerce app/website that supports searching, sorting, uploading products with photos. Uses native Android SDK, Kotlin, Angular, C#, Typescript, ASP.NET Core, SignalR, PostgreSQL, EF Core and Docker.
- **Shakespeare AI** (2024). AI chatbot that simulated Shakespeare. Used native Android, Kotlin, NextJS, Vercel AI SDK, TypeScript.

ADDITIONAL EXPERIENCE AND AWARDS

- **Harvard University:** Awarded the Harvard CS50x Certificate on Course Completion.   **Credential Link**
- **Third Prize, Notre Dame Science Fest, Senior Projects**: Awarded 3rd prize for a social media website project, out of 100 projects.
- **First Prize**, **Inter Cantonment IT Fest:** Awarded 1st prize for a social media and e-commerce platform.
- **HackerRank Certifications:** Awarded HackerRank Angular, C#, JavaScript(Basic & Advanced), Java, and Python certifications.

Languages and Technologies

- Angular, Next.js, React, ASP.NET Core, SignalR, Websocket, Flutter, Android, Node.js, Docker, Git, Linux, GCP, CI/CD, Flask.
- C#, Typescript, JavaScript, Kotlin, C, C++, Rust, Python, SQL, Dart, Lua, Groovy, JSON, HTML/CSS/SASS.