Sharjil Hasan Mahir

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EDUCATION

Bangladesh University of Engineering & Technology Dhaka, Bangladesh
Bachelor of Science, Computer Science & Engineering **2018-Present**

TECHNICAL SKILLS

LANGUAGE	C, C++, C#, Java, Python, SQL, Shell
OS	Linux (Debian), Windows OS
FRAMEWORK	Django, NoseJS, React, Express, JavaFX, Bootstrap
WEB TECHNOLOGY	HTML, CSS, JavaScript, XML, JSON
API	Rest, GraphQL
DATABASE	Oracle, SQLite, PostgreSQL, MongoDB
GAME DESIGN	Unity, Render 3D
SECURITY TOOLS	Wireshark, Burp Suite, Nmap, Nessus
ML TOOLS	Tensorflow, Pandas, Keras, Scikit
Team Working	Git
Technical Writing	LaTeX, Overleaf

PROFESSIONAL EXPERIENCE

BSRM / DataSoft Dhaka, Bangladesh (Project)
Research Assistant **Dec 2022 - Present**

- Created a streamlined workflow utilizing computer vision to measure stockpile volume accurately from multiple drone images.
- Technology Used:
  - *Python, OpenDroneMap, Docker, Blender 3D*

NOTABLE PROJECT

BookFlix
https://github.com/SuperSharjil/BookFlix
- A subscription-based book reading platform
- JavaScript, NodeJS, Express, MongoDB, Restful API, HTML, CSS

Smart Contract with Blockchain
- A decentralized smart contract, incorporating blockchain technology
- Python, RemixIDE, Solidity

Elysium
https://github.com/SuperSharjil/Elysium
- A text-based trading RPG game with Flutter app
- NodeJS, Flutter, GraphQL, Rest

ManageCASA
https://github.com/SuperSharjil/ManageCasa
- A feature-rich Django website for seamless management of apartment buildings
- Python, Django, SQLite, HTML, CSS

Amazon Prime Video
https://github.com/SuperSharjil/AmazonPrime
- A video streaming website
- Python, Django, SQL, Oracle, HTML, CSS

Pocket Tank
https://github.com/SuperSharjil/JavaFXgame
- A fully functional two player online game
- Java, JavaFX, OpenGL