Ashabul Yamin Raad

+880 1706362374 | yamin.raad6109@gmail.com
Github: Raad05 **| LinkedIn:** YaminRaad

EDUCATION

BRAC University, Bangladesh   *January 2020 – Present*
Bachelor of Science in **Computer Science** (Final Year)

DEVELOPMENT SKILLSET

Languages and Scripts   : HTML, CSS, JavaScript, TypeScript, Python, C, C++, C#, Java, Dart, PHP, Solidity, SQL, NoSQL.
Libraries and Frameworks : React.js, Bootstrap, Tailwind CSS, Daisy UI, Material UI, Node.js, Express.js, Firebase, MongoDB, Mongoose, MySQL, Hardhat, Hyperledger Firefly.
Development Tools   : Git, Github, Docker, Postman, Flutter, Figma, Jira (SCRUM)

PROFESSIONAL EXPERIENCE

Grameen Communications | *Intern - Blockchain Developer*   *June 2023 – Present*
- Currently working on an existing platform to integrate blockchain technology as a wrapper in order to achieve immutability and transparency.
- Actively working with **React.js** on the frontend, **Solidity** for smart contracts, and **Microsoft SQL** Server to develop a decentralized ledger for the project.

ZEROOZEN | *Software Engineer*   *Feb 2023 – Present*
- Ensuring the proper upkeep and functionality of the company's website.
- Presently engaged in developing an **Internet of Things (IoT) enabled GPS tracking system** to monitor and trace consumers utilizing the company's products.

VOLUNTEER EXPERIENCE

Laboratory of Space System Engineering & Technology (LaSSET) | *RA – LoRa (Long Range) Team*   *Jan 2022 – Present*
- Assistant Team lead in developing a **LoRa-based** store and forwarding system for an ongoing Satellite Training Kit project using **UART, I2C, and SPI** protocols.
- Research and development on **distance calibration and interfacing** of the developed prototype module and synching the system with the rest of the Training Kit system.

Robotics Club of BRAC University | *Assistant Director – IT Department*   *April 2021 – Present*
- Fulfilling a role within the IT team as a specialist in **Web technologies, Robotics, and video editing/motion graphics**.
- Regularly participating in workshops focused on **motion graphics and Robotics**, where I serve as an **instructor**.

PROJECTS

AlgoWizR | *React.js, Tailwind CSS, Daisy UI, Node.js, Express.js, Firebase.*   *Fall 2022*
- Developed an educational technology platform that allows users to purchase **programming courses**.
- Implemented fundamental **CRUD** operations and utilized **Firebase** for login authentication.

Decentralized Health Ledger | *React.js, Solidity, Hyperledger Firefly*   *Summer 2022*
- Developed a **decentralized application (dApp)** to store patient and doctor information in a secure and transparent manner.
- The tech stack used for the dApp includes **React.js** on the frontend, **Solidity** for smart contracts, and **Hyperledger Firefly** as the decentralized ledger.

ACHIEVEMENTS AND AWARDS

2022   **Regional champion** in "BDApps National Hackathon 2022", organized by BDApps.
2022   **Finalist** in Hardware Category in "RUET CSE Fest 2022" organized by RUET, Bangladesh.
2022   **Champion** in "Odommo'50 Super TechFest, 2022", organized by BRAC University, Bangladesh.
2021   **59th position** in an IUPC in "JoyJatra'50 TechFest, 2021", organized by BRAC University, Bangladesh.