Pattan Asif Khan

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EXPERIENCE

7-Eleven Inc   **Sept 2020-Present**

Software Engineer, Full Stack Developer

- Working on Configuration of POS Systems.
- Development of UI screens using **React.js, Redux, HTML, CSS**.
- Development of APIs using **Node, Express, MongoDB, and Serverless Framework**.
- **API optimization** to maintain the SLAs, Adding logs to track better using **Winston.**
- Possess working knowledge of **AWS Lambda**, **Cloudwatch, Kinesis, SQS, S3, and EC2.**
- Collaboration with internal and cross-functional teams using **Github, JIRA**.

Fixcell   **Mar 2019 - Sept 2020**

Software Engineer, Web Developer

- Developed a **web application** to get orders online for an already existing mobile repair business.
- **Technical Stack used: HTML, CSS, Bootstrap, Progress Cloud, Github**
- **Increased customer rate by 15% through the website**.

EDUCATION

Jawaharlal Nehru Technological University, Hyderabad   **Aug 2018 - Aug 2020**
Master of Technology, Computer Science and Engineering

- **CGPA: 8.84/10**
- **Technical stack learned: Solidity, Java, Autopsy, UFED.**
- Awarded Jury Nomination Award (Quest 2020) for building an insurance tracking mechanism using blockchain.

Hyderabad Institute of Technology and Management, Hyderabad   **Aug 2014 - Aug 2018**
Bachelor of Technology, Computer Science and Engineering

- **CGPA: 7.3/10**
- **Technical stack learned: C, Java, Python, SQL, Android.**
- Awarded Best Student of The Year (2018).

PROJECTS

Concurrent Execution of Smart Contracts   **Sept 2019 - Sept 2020**
Jawaharlal Nehru Technological University, Hyderabad

- Developed a mechanism to execute smart contracts in parallel, without conflicts, ensuring the integrity of transactions using a fine grain locking mechanism
- Paper Accepted with the title "**Execution of Smart Contacts Concurrently Using Fine Grain Locking and Asynchronous Functions**" and was published by **Springer International**.
- Increasing the speed of execution to nearly **30%** of sequential execution.
- **Role: Developer | Tech Stack: Java, Solidity, Github.**

Sahaya Android App   **Feb 2017 - Jan 2018**
Hyderabad Institute of Technology and Management

- Sahaya is a nonprofit organization working for the empowerment of underprivileged children. Built an android app for them as a part of our college project. It had around 250+ installs by the NGO workers.

- **Role: Developer | Tech Stack: Android, Firebase, Github** .

TECHNICAL SKILLS

- **Languages:** C, Java, Python, Rust
- **Web Development :** HTML, CSS, JS, React, Redux**.**
- **Mobile Development:** React Native, Android.
- **Databases:** SQL, MongoDB
- **Collaboration/ Reporting Tools :** Github, Jira,Confluence
- **Testing:** Chai, Mocha, Supertest.
- **Logging:** Winston, Morgan

AWARDS

- Techgig Blockchain Hackathon Winner(2020)
- Alibaba Cloud Hackathon(2019 Runner Up)
- Best Student of the Department (2018)
- Atmecs Bot Hackathon 2017 (Runner Up)
- Book Meds Hackathon Winner (2016)
- NASA Space App Challenge Winner(2015)
- National Linux Security Championship 2014 (Runner Up)

PERSONAL INTERESTS

- Part of various tech communities such as **Mozilla, Microsoft, Google,** and **Freecodecamp**.
- Attending and Organising Hackathons. Have attended more than 50 hackathons.
- Problem-solving in hackerrank and other coding platforms.
- Attending conferences and technical talks.
- Playing online games/CTFs.

PERSONAL DETAILS

- Name : Pattan Asif Khan
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