Shaik Iftequar Ahmed

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Experience

Deloitte USI   July 2022 – Till Date
Software Engineer   *Hyderabad, Telangana*
- Designed and developed a **crypto asset audit tool using Node.js and Express.js**, incorporating extensive research and development efforts.
- **Managed multiple blockchain nodes** and developed wrappers around them to facilitate **backend communication via REST API and RPC**.
- **Reduced the time needed for onboarding of new cryptocurrencies by 50%** by streamlining the whole process which resulted in faster execution of audits.
- **Automated the process of crypto asset ownership verification**, resulting in an 80% reduction in processing time.

Education

VNR Vignana Jyothi Institute of Engineering and Technology   July 2018 - June 2022
Bachelor of Technology in Computer Science (GPA: 8.40 / 10)   *Hyderabad, Telangana*
- **Relevant Coursework:** Data Structures and Algorithms, Computer Networks, Operating Systems, Database Management Systems, Artificial Intelligence

Projects

CryptoVault | *Next.js, Tailwind CSS, Shadcn UI*
- Designed and developed a **robust crypto wallet**, which supports Ethereum and Solana networks at present.
- Developed key features such as creating accounts on wallet, handling menmonic and private keys, allowing seamless transactions etc.
- Incorporated an appealing and user-friendly UI with **TailwindCSS and Shadcn UI**, ensuring intuitive navigation and ease of use even on mobile devices.
- **Link**: 💼 CryptoVault

CorpShell | *React, Tailwind CSS, AWS S3, Docker, Nginx, Express.js*
- Led the implementation of a web-based terminal system, now **used by hundreds of company developers.**
- Redesigned the project system, **enhancing the security of the existing setup by 90%** using Docker and Nginx Reverse Proxy.
- Automated the cleanup process of containers by deleting them when user session ends.
- **Link**: CorpShell

Technical Skills

Languages: Python, JavaScript, TypeScript, Solidity, C#

Technologies: Next.js, React, Node.js, Express.js, PostgreSQL, MongoDB, Linux, Shell Scripting, Flask, Django(DRF)

Tools: Tailwind CSS, Prisma ORM, Nginx, Docker, Redux Toolkit, Git and GitHub, Azure Cloud, BurpSuite

Achievements

- **Honorable mention at BugBountyHunter.com** for finding and reporting 100+ security vulnerabilities on their web application.

- **Reported an Account Takeover vulnerability** on a top job search website of Europe.
  Article link: CSRF bypass leading to account takeover.

- Solved more than 400 coding problems on platforms Leetcode and GeeksForGeeks.