PW Shehan

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Education

Wayamba University, North Western Province/SL

Statistics/BSc In Computer Science Undergraduate, December 2023

GPA 3.16/4.0

Experience

LAWYER.COM | Founder and CEO | North Western Province/SL | Est. Aug 2020

- Application provides support to Lawyers to find cases locally and internationally also Improving user experience with Lawyers by providing a way to contact them directly in real time.

- Lead a small team to work on developing the website and collaborated with team member in order to archive final goals. Learned to keep team members motivated as a startup company.

- Planed and designed the system platforms for Streaming, chatting, payment -gateway, and hiring. Developed the UI for web-application front-end that was mainly integrated using React and Material-UI. Implemented an application back-end to the system using Express and few more microservices. Securitized the application using helmet.js and application testing package was developed using mocha and chai.

Technical Skills

Experience in Product Management, Analytics/Statistics, web-development and Software Engineering.

Tools:
- Programming Technologies: **Nodejs, React, Express, MongoDB, SQL, MATLAB, Java, JavaScript, HTML/CSS, LATEX, Docker, Web-assembly, Graphql, Apollo, Serverless, Web-components**
- Programming Languages: **JavaScript, java, C, C++, TypeScript,**
- Version Control: **Git, GitHub,**
- Machine Learning: **Python with NumPy and Pandas**

Projects

WIE / IEEE Covid-19 Hackathon | **CovidAtlas** may 2020

- At this technical product pitch contest, I presented an idea that helps patients to meet doctors via an online application. Another idea was to develop a method that capable of delivering medicine and drugs to patients. The hackathon was mainly targeted for resolving issues what people are facing at quarantine situations. I designed the project UML diagram and I developed the web-application front-end with React/redux. Express was the backend with MongoDB integration. The project was ranked up to 6th place and also, learned how to securitized an application and to develop a satisfiable web application.

Node.js Framework | Fall Apr 2019

- Developed a Node.js Framework and associated libraries from scratch. Developed a prototype library for full-stack application API. Developed a parser from scratch, Designed and developed an encrypted database solution into the library, developed a command line application to the framework.

Awards

2020   57th/400   **HackerRanker | Kegalle | Coding competition | University Moratuwa/SL**