Jazzir Hussain

+91-9496526595 | jasirhussain2002@gmail.com | linkedin.com/in/jazzirhussain | github.com/jazzirHussain

EXPERIENCE

CIDRIE   Jun 2023 - Dec 2023
Software Engineer Intern
- Engineered a visualization dashboard for Muthoot Finance Outlets using ReactJS and NodeJS (MERN stack), achieving a **50% reduction in labor costs** and improving real-time data visibility
- Developed and reviewed full-stack applications with the MERN stack and MQTT protocol, resulting in 80% optimization of device communication and a 30% boost in application performance through cloud-based scaling
- **Deployed** the visualization dashboard **on AWS EC2**, enhancing **scalability** and accessibility, streamlining **cloud management processes**

Wizwack PVT LTD   Dec 2021 – Dec 2022
Project Lead
- Delivered 5+ robust websites using the MERN stack (MongoDB, Express.js, React.js, Node.js), resulting in **100% client retention**
- Cut deployment costs by 70% through AWS Lambda **serverless architecture**, enhancing **scalability** and **minimizing infrastructure management**
- Facilitated cross-functional teams to streamline development cycles, achieving a 20% improvement in project delivery time while upholding high quality standards

PROJECTS

SDN Intrusion Detection LINK | *Python, Tensorflow, Scikit-learn, OpenFlow, SDN Controller, LSTM Model*
- Mitigated 95% of cyber attacks on Software-Defined Networks (SDN) by implementing an **LSTM model within the SDN controller**, greatly enhancing network security.
- Developed a custom GUI for visualizing **real-time packet statistics**, improving monitoring efficiency and enabling **faster threat detection and response**.
- Integrated machine learning with network infrastructure, reducing potential downtime and data loss by 80%.

Rip App: LINK | *MERN Stack, PWA Development, AWS CloudFront & EC2 (Cloud Deployment and Scaling)*
- Launched a web app for a construction company using the MERN stack (React, Node.js), **doubling the client base and improving project management ease**.
- Integrated **live IP camera streaming** into the app, leading to a 50% improvement in project oversight and customer satisfaction.
- Deployed the frontend on AWS **CloudFront** and the backend on **AWS EC2**, facilitating a 3x increase in traffic without performance degradation.
- Created a **Progressive Web App (PWA)**, resulting in a 40% increase in mobile engagement from clients needing access on the go.

TECHNICAL SKILLS

Languages: Python, Java, C, HTML/CSS, JavaScript, C++
Technologies/Frameworks: React, Node.js, Flask, MongoDB, Streamlit, Firebase, Django, VueJs, MQTT
Cloud: Lambda, EC2, CloudFront, Route53, Cron jobs
Database: MySQL, MongoDB, Firebase, PostgreSQL

LEADERSHIP / EXTRACURRICULAR

- Selected as part of the **exclusive team from Kerala** under the **INCLUSYS organization**, developing a Python-based game to **assist differently-abled students** at Aadarsh Institute in improving motor skills
- Served as IEEE and IEDC **Webmaster** enhancing the organization's digital presence and outreach efforts
- **Conducted AR workshops** for aspiring tech enthusiasts, fostering interest and skills in emerging technologies
- **Honored** for developing the best **college project** – MITS Hostel Management System, optimizing operations and boosting efficiency within the college hoste

EDUCATION

Muthoot Institute of Technology and Science   2020 – 2024
Bachelor of Technology in Computer Science with AI   *CGPA:8.72*