MOHAN A

FULL STACK WEB DEVELOPMENT ENTHUSIAST

CAREER OBJECTIVE

To leverage my expertise in full-stack development and DevOps engineering to drive innovative solutions and optimize processes in a dynamic tech environment, contributing to the success and growth of a forward-thinking organization.

EXPERIENCE

JUNIOR DEVOPS ENGINEER — From Dec 2023

In the last 11 months, I have immersed myself in DevOps practices, leveraging various tools to optimize workflows and enhance team collaboration. I've worked with CI/CD tools to automate deployment processes and utilized Docker for containerization. Additionally, I have experience with Active Directory (AD) for identity management, GLPI for IT asset management, and MySQL Exporter for database monitoring. I've also worked with Palo Alto Firewalls to enhance security.

COMPLETED PROJECTS

WEBSITE FOR RIM CHURCH — 2022
BCA FINAL YEAR PROJECT

This project is developed for the church named Rejoice International Ministries, Srivilliputhur. In this is project is developed by **HTML, SCSS, JS, BOOTSTRAP, AOS, PHP, MYSQL.**

ONLINE OD FORM — 2022
BCA INTERNSHIP PROJECT

This project is developed for Ayya Nadar Janaki Ammal College, Sivakasi. This project contains the some options to apply OD in online way. In this project developed by **REACT JS, PHP, MYSQL, BOOTSTRAP, SCSS.**

WEBSITE FOR SKAING ACADEMY — 2023
MCA INTERNSHIP PROJECT

This is project developed for Baboolsoft Company, Sivakasi. This project contains the Information and Applications for Skating Academy. In this project developed by **MERN STACK, BOOTSTRAP, SCSS.**

RC CHURCH WEBSITE — 2024
FREELANCING PROJECT

This project is developed for RC CHURCH, Satchapuram, Sivakasi. This project contains the informations about that church. In this project developed by **WIX.COM**

DR RAAJAN LIFECARE FOUNDATION — 2024
FREELANCING PROJECT

This project is developed for Dr Raajan Lifecare Foundation, Nagercoil. This project contains the informations about that Dr. Raajan and his Lifecare Foundation. This project is alive to checkout in **drraajan.com**. In this project developed by **WIX.COM.**

EVENT MANAGEMENT PORTAL — 2024
MCA FINAL YEAR PROJECT

This project is designed for my post graduate final year internship project to develop and integrade with existing college portal. By this project we can schedule the event for student in their portal, students can able to register their participation and feedback for the events. In this project developed by **MEAN Stack, Bootstrap.**

CONTACT

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- 117/A Arachipatti Nadar Street, Srivilliputhur (626125), Virudunagar. Tamil Nadu, India.

EDUCATION

Master of Computer Applications
ANJAC, Sivakasi.
2022 - 2024

Bachelor of Computer Applications
ANJAC, Sivakasi.
2019 - 2022

HSC
VNUP Kaleeswari Higher Secondary School, Vanniampatti.
2017 - 2019

SKILLS

- React JS
- Angular
- Next JS
- Nest JS
- Node JS
- Express JS
- Javascript
- Typescript
- Python
- Java
- Docker, Jenkins
- WIX
- Photoshop
- Figma
- C, C++
- Tailwind
- Bootstrap

DEVOPS PROJECTS

LOAN ORGINATION SOLUTION (LOS)

FINSURGE PROJECT

- LOS developed using **Angular, Java microservices, and Python with a MySQL database,** integrating **Microsoft Login** for secure authentication and enhancing user experience.
- Loan Origination application is an agile, future-proofed, and extensible Corporate and SME Loan solution. It is an end-to-end solution covering Retail and Small Business Products. It comes with workflow, screens and allows for extensibility and quick time to market. It is built on top of our Nirnaya Platform that comes with a flexible Decision engine, and Machine learning execution capabilities. This can be deployed on-premises or cloud platform of your choice.

DEAL MANAGEMENT SYSTEM (DMS)

FINSURGE PROJECT

- DMS developed using **Angular, Java microservices, and Python with a MySQL database.**
- DMS is designed to streamline and automate the entire lifecycle of financial transactions, offering tools that enhance efficiency, collaboration, and visibility. By centralizing deal information and facilitating communication among stakeholders, it helps organizations manage their deals more effectively, reduce errors, and improve decision-making processes. The system's user-friendly interface and robust reporting features ensure that teams can easily track progress, analyze performance, and adapt strategies in real time, ultimately driving better business outcomes.

EAGLE EYE (EE)

FINSURGE PROJECT

- Eagle Eye developed using **Grafana, Prometheus, Python, AI with MySQL database and MySQL Exporter.** Also integrated with google mail server for sent mail notifications.
- Eagle Eye (EE) is an excellent monitoring tool that provides deep dive performance monitoring. With EE, enterprises can automate their operations like Trade count Analysis, Trade Validation analytics, Product analytics, Dormant data analytics, Profit and Loss analytics, Fixing analytics, Batch analytics, Workflow analytics, Reports analytics, Error analytics and Service analytics.

MULTIPLEX (MX)

FINSURGE PROJECT

- MultipleX developed using **Angular, Java microservices, Jenkins API, Hashicorp Vault with a MySQL database,** integrating **Microsoft Login** for secure authentication and enhancing user experience.
- It streamlines user account management, allowing administrators to easily create, modify, and oversee user roles and permissions. The application provides real-time monitoring of Murex environment health, along with alerts for system anomalies, ensuring optimal performance.

FINSURGE CORP. LOAN AI - SAAS APPLICATION

FINSURGE PROJECT

- Finsurge Corp. Loan AI developed using **Angular, Java microservices, Python with a MySQL database,** integrating **Microsoft Login** for secure authentication and enhancing user experience.
- We implemented an Azure Kubernetes cluster for our project, utilizing the NGINX Ingress Controller as a load balancer and an Application Firewall to manage inbound and outbound traffic. For securing the frontend login page, we integrated Azure B2C, which is managed by Microsoft. The project uses microservices architecture, with each service defined in YAML files, and the deployment process automated using Jenkins. We monitor the pods and applications through Azure Monitor and Log Analytics. To ensure the security of our database, we utilize a private link.

HOBBIES

- Playing Video Games
- Surfing on Network
- Playing Cricket