

LAXMI SAINATH ISLAVATH

sainathislavath7@gmail.com | +91 9542667793 | Mumbai
LinkedIn | GitHub | Portfolio

CAREER OBJECTIVE

A professional **Software Engineer** with a track record of developing and maintaining applications in a corporate environment. Possesses a comprehensive skill set that bridges development and operations, with advanced proficiency in the **MERN stack, CI/CD automation, Kubernetes, and AWS**. Aiming to contribute to a forward-thinking team by building and deploying robust, scalable software solutions.

TECHNICAL SKILLS

MERN Stack | AWS | Python | GitHub | Ubuntu | Docker | Jenkins | GitHub Actions | Kubernetes | Terraform | Ansible | Prometheus | Grafana | Pytest | Nginx | Bash | SQL | Helm Chart | Postman | MongoDB | Firebase | Java | PHP | MUI | Tailwind CSS |

PROFESSIONAL EXPERIENCE

HiMedia Laboratories Pvt.Ltd

Jr. Software Engineer

Mumbai

Jul 2024 - Present

- Developed and maintained internal applications using React.js, Node.js, and MySQL, supporting lab operations and protocol management.
- Spearheaded the development of Liq-Wee Robo, an automation support system tailored for liquid handling robotics in laboratory workflows.
- Built the Forensic-ID DNA Quantification system using PHP and SQL, streamlining DNA quantification and reporting processes for forensic labs.
- Collaborated with cross-functional teams including microbiologists, QA, and R&D for gathering requirements and validating software deliverables

INTERNSHIP EXPERIENCE

Trify India Pvt. Ltd

Frontend and Software Intern

Bangalore

May 2023 – Aug 2023

- Electric vehicle installation of sensors and controlling actuators and worked on frontend projects using Angular JS and React JS.

AccioJob

Web Developer Trainee

Online

Mar 2022 - Sep 2024

- Proficient in Java, mastering core concepts like OOP, inheritance, polymorphism, encapsulation, and abstraction. Experienced full stack developer skilled in HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, and MySQL. Utilizes Bootstrap, Sass, Webpack, and other tools for seamless integration and optimal performance.

HeroVired

DevOps and Cloud Engineer

Online

Mar 2025 - Present

- Proficient in Python, mastering core concepts like Docker, Kubernetes, AWS, Terraform, Jenkins, Prometheus/Grafana, Bash, Ansible, Helm Chart, Ubuntu. Experienced DevOps and Cloud.

PROJECTS

Orchestration-and-Scaling

Herovired

- **Automate End-to-End Application Delivery:** To create a complete CI/CD pipeline using Jenkins, GitHub, and Docker that automatically builds, containerizes, and prepares a MERN application for deployment.
- **Provision and Manage a Scalable Cloud Platform:** To programmatically build, deploy services to, and operate a resilient AWS environment using Boto3 (Infrastructure as Code), featuring both EC2 and Kubernetes (EKS) hosting, complete with CloudWatch monitoring and ChatOps alerting.
- **Key Skills:** AWS, Docker, Kubernetes (EKS), Jenkins, Boto3, Python, MERN Stack, GitHub, Helm, CI/CD, and Infrastructure as Code (IaC).

Jenkins Pipeline for Kubernetes Cluster

Herovired

- **Automated CI/CD Pipeline:** Implemented a Jenkins pipeline to automatically build Docker images, push them to Docker Hub, and deploy the microservices application to an AWS EKS cluster.
- **Kubernetes Orchestration on AWS:** Deployed and managed the containerized application on AWS EKS, leveraging Kubernetes to ensure scalability, resilience, and efficient service discovery in a cloud environment.
- **Key skills:** Jenkins, CI/CD, Docker, Kubernetes, AWS EKS, Node.js, Express.js, React, MongoDB, Microservices Architecture, REST APIs, JWT

Chat App

AccioJob

- To build a full-stack chat application using the **MERN stack**, leveraging **Socket.io** for live, bi-directional communication and user presence.
- To implement secure user authentication with **JSON Web Tokens (JWT)** and manage frontend state efficiently with **Zustand** for a responsive user experience.
- **Key skills:** MERN Stack (MongoDB, Express.js, React, Node.js), Socket.io, JWT Authentication, Zustand, Tailwind CSS, REST APIs

CERTIFICATION

Cybersecurity

Cisco Networking Academy

Web Development

CodSoft

Integrated Program in Generative AI for Data, Tech& Finance

Herovired

EDUCATION

Kakatiya Institute of Technology and Science

B.Tech

Computer Science and Engineering – 7.0

Warangal

2020 - 2024