

SURAPALLI SAIKIRAN

Software Engineer

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in [Linkedin](#)

[Github](#)

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[Portfolio](#)

EXPERIENCE

SOFTWARE DEVELOPER

ITJOBXS

Mar 2024 – Present Remote, India

- Developed Web 2.0 apps with Next.js and Vite.js
- Created Ethereum dApps using Solidity
- Implemented CI/CD with Terraform, Docker, Kubernetes
- Optimized AWS resources, reducing costs by 15%
- Integrated Splunk for enhanced log management

SOFTWARE ENGINEER TRAINEE

CISCO SYSTEMS INDIA PRIVATE LIMITED

Feb 2023 – Feb 2024 Bengaluru, India

- Trained in Python, CCNA, Java Automation Testing
- Automated test case execution
- Developed log extraction scripts

TECHNICAL SKILLS

Programming Languages

- C++, C, Python, Java
- JavaScript, TypeScript, Astro

Frameworks & Libraries

- HTML, CSS
- ReactJS, NodeJS, ExpressJS
- NextJS, ViteJS
- MongoDB, MySQL, PostgreSQL
- Bootstrap, Tailwind CSS, Material UI

BlockChain

- Solidity, Ether.Js

DevOps

- AWS, Linux, Docker, Kubernetes

Testing

- Web, DevOps, Functional, Non-Functional

Version Control

- Git, Github

Other Tools

- Postman, Netlify, Vercel

CERTIFICATES

- Cisco Certified Network Associate
- Python Full Stack Web Development
- Java Full Stack Development
- Automation Testing

EDUCATION

B.Tech. (ECE) - 7.26 CGPA

KAKATIYA UNIVERSITY

2018 – 2022 Kothagudem, Telanagana

Higher Secondary - 93.7%

Alphores Junior College

2018 Karimanagar, Telangana

Secondary - 9.0 CGPA

Sadhana School Of Excellence

2016 Karimanagar, Telanagana

PROJECTS

SMART_AI Project

- Python-Based Automation** – Developed scalable automation infrastructure, implemented simulation environments, optimized test scripts for faster execution, generated detailed test result reports

Data Extraction Tool

- Python Script** – Automated BGP and ISIS session data extraction, parsed log files from Glandon and Madone routers, generated Excel reports for easy analysis

Staking DApp

- Blockchain Application** – Developed with Ethers.js, Web3, Solidity, Next.js; created smart contracts for token staking, integrated Web3 wallets for user onboarding [Github](#)

Muzic

- Next.js | TypeScript | Prisma | PostgreSQL | RESTful API**
- Developed a full-stack music platform with custom audio controls, efficient APIs, data modeling, and a feature-rich custom audio player. [Github](#)

AI Mock Interview

- Next.js | JavaScript | PostgreSQL | Tailwind-CSS**
- Built an AI-driven interview simulation platform with real-time speech recognition, dynamic question generation, and responsive design across devices. [Github](#)

DevOps To-Do App

- Jenkins | Terraform | Docker | Kubernetes | GitHub Actions**
- A DevOps-focused to-do app demonstrating best practices like CI/CD pipeline setup using GitHub Actions, Docker-based containerization, and deployment on Kubernetes for high availability. [Github](#)