



EXPERIENCE

Lead developer of Ruluka.com development - Insomniacs.dev (Freelance Group) - AP, IN

Aug 2024 - March 2024

- Deployed a performant e-commerce React webapp on AWS for a fashion company - Ruluka.
- Converted it into a PWA enabling features like push notifications, etc.
- Developed a secure pentested NodeJS backend with Razorpay payment integration.

Frontend developer | Deployment engineer of Surabhi Website, KL University - AP, IN

Dec 2023 - March 2024

- Worked with a versatile team to create innovative 3D website for KL University.
- Deployed the website in AWS, equipping it with proper technology to handle registrations and payments of thousands of university students with technologies like NGINX, Apache web server and Certbot.

Backend developer internship at Reachify

May, June 2024

- Worked on Reachify's CRM project where I optimally used advanced graph API's like Meta and Microsoft
- Used Twilio API and developed in-app VoIP calling.
- Developed scarping APIs using PuppeteerJS for lead generation.
- Worked in MERN stack to develop an advanced chat app that relies on other graph APIs.

TECHNICAL SKILLS

Web Server (Apache/Nginx) Administration (Hosting, Deployment and Maintenance)

Extensive experience in effectively designing and leveraging graph APIs.

Highly proficient at terminal usage for system navigation, scripting, troubleshooting.

Hands on experience in cloud infrastructure management (AWS).

Proficient in CI/CD tools, pipelines, version managers like Git, Github, and Docker.

PROJECTS

kvsiddartha.me - Portfolio website made in NextJS

ruluka.com - E-commerce fashion webapp using MERN, redis - also converted it into a PWA and hosted everything in AWS.

insomniacs.dev - Beautiful interactive 3D website built on Astro, ThreeJS, and ShadCN.

[AuditX](#) - Project built for SIH that automates OS audits for both local and remote systems by leveraging ruby scripts.

bit.ly/flutter-chat - A complete flutter chat app with notifications (AWS lamda) , firebase backend.

bit.ly/crypto-visualisation - NLP Graph visualisation of cryptojacking's evolution over the years.

bit.ly/klsurabhi - KL University main cultural fest website made with Django backend and 3D frontend using only vanilla HTML/CSS/JS.

bit.ly/httpserve - I made my own HTTP server like Express/Apache that routes requests and responds with features like gzip compression - understanding the underlying tech.

RESEARCH PUBLICATIONS

Novel attack vectors to abuse AWS for Cryptojacking

IEEE -Published 2024

EDUCATION

KL University - B.Tech, CSE (Hons.) Specialising in Cybersecurity - Current

2022 - 2026

CGPA: 8.7/10

Sri Chaitanya, Khammam - TS SSC (10th) - 100%

2020

Sri Chaitanya, Khammam TSBIE (12th) - 89%

2022

ACHIEVEMENTS AND CERTIFICATIONS

Secured 39th position in a cybersecurity based CTF hackathon conducted at New Delhi by EY and DSCI

3rd December 2024

Arm Cortex-M Architecture and Software Development Specialisation Certificate

9th October 2023

PROGRAMMING

Python - Numpy, pandas, Django, Flask

JS - React, NodeJS, Express, Vue,

Puppeteer, jQuery

Java - JUnit, Swing

C#, Unity, C, HTML, CSS, Tailwind, OOPS,

Design patterns, Assembly, MongoDB,

Postgres, MySQL

COURSEWORK

- Focused study on Design Analysis of Algorithms and Data Structures, giving me a great depth of knowledge on solving programming problems.
- Systematic study of the subject Networks, Protocols and Security.
- Insights gained about Agile, Scrum and other methodologies through the Software Engineering course.

OTHER

- Core performer and Design head, Stand Up Comedy Club of KL University - Performed in many shows totalling 1000+ attendees
- Member of the Vachas literature club - Featured in the KL Horizon magazine
- Participated in SIH multiple times
- Regularly works on CTFs
- Cybersecurity enthusiast