

CHANDRA SEKHAR

Full Stack Developer

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Experience

Software Engineer -1

July 2024 – Present

Signzy Technologies

Bangalore, India

- Developed a microservice that process documents collected from Onboarding and pushes documents using RabbitMQ. with architecture enabling persistent and asynchronous processing.
- Integrated Document detection and OCR services, Watermarking with Geo-location for the uploaded documents captured throughout application journey.
- Integrated Firebase Analytics and Firebase Crashlytics into the application to monitor user engagement and application stability. and allowing for quick identification and resolution of application issues, including application crashes and API failures.
- Dockerised the servers, isolating each application with its own dependencies, environment, and configurations, eliminating conflicts between them. improving the overall system's stability, enabled easier management, and simplified the deployment process.
- Collaborated with team members to promptly resolve security vulnerabilities, bug fixes meeting sprint goals and deadlines.

Software Engineer Intern

Jan 2024 – July 2024

Signzy Technologies

Bangalore, India

- Developed a microservice that acts as a encryption middleware using secure asymmetric encryption with combination of RSA and AES.
- Integrated Identity verification services/api's, including Aadhaar masking,Aadhaar verification, PAN verification, facial recognition, Anti-Money Laundering, GST fetch
- Developed and Integrated an idle logout system as part of security enhancements, ensuring proactive session management for the end users.

Technical Skills

Languages: JavaScript, Java, Python, SQL, Haskell

Web Development: Node.js, React.js, Redux, Docker

Databases: Mysql, MongoDB, Redis

Cloud Services: Azure app services, Cloudinary, Aiven

Projects

Freelancing Marketplace | *React.js, Node.js, MongoDB, Azure Web Service*

September 2023

- Led a project of 5 member group to develop an end to end web application, a Freelancing platform with a goal to bridge the gap between freelancers and companies, individual people hiring for temporary job roles for projects
- Integrated real time chat with socketIO between users to connect on services offered
- user authorisation system using web tokens, paginate UI for services.
- Implemented optimisation techniques such as caching with Redis, memorization of ui components and CDN for media.

Web Scrapper | *Python, Pandas, Web Scrapping*

January 2023

- Developed automated web scraping script to scrape product data from amazon. Utilized the Requests library for making HTTP requests and fetching web pages and Employed the BeautifulSoup library for web scraping, extracting relevant data from HTML content.
- Utilized best practices for web scraping such as user-agent rotation and time limiting requests.

Drug Resistance Predictor for Tuberculosis | *Machine Learning, Classification, Python*

December 2023

- Designed a Machine learning model to predict the drug resistance of Tuberculosis
- This is a binary classification model is trained using the gene variations occurs in the tuberculosis isolates which results in drug resistance

Education

Indian Institute Of Information Technology, Sricity

Sep 2020 – April 2024

B.Tech in Computer Science and Engineering, CGPA : 8.5

Chittoor, Andhra Pradesh