

Rohith ND

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EXPERIENCE

Cloud Engineer Intern

Dec 2022 – Jan 2023

Hotnot Pvt Ltd

- Designed, implemented and maintained cloud infrastructure for the project using Azure
- Developed and deployed cloud-native applications using services such VM, PostgreSQL, Blob
- Setting up nginx, gunicorn, system service and certbot in azure VM

Full Stack Developer

Oct 2021 – Jan 2022

HomieTouch Pvt Ltd

- Created reusable components and implemented the application's user interface using Flutter and ReactJS.
- Developed server-side logics using DjangoRestFramework and consumed the endpoints in frontend.
- Performed comprehensive testing utilizing Cypress for a React JS application.
- Maintained regular communication with clients throughout the development process to ensure that their needs and requirements were met

Open Source Developer

Mar 2022 - Apr 2022

Freelance - Sketch Icons

- Optimized icons for web use by utilizing SVGO and Fantasticon, and implemented them in web fonts.
- Created a web-based application for easy access and documentation of icons.
- Implemented continuous delivery using GH Actions to build and publish the package upon new a release.

EDUCATION

Amrita Vishwa Vidyapeetham

Chennai, India

Bachelor of Technology in Computer Science and Engineering

Aug. 2020 – Present

CGPA : 8.74/10

Swamy's School

Chennai, India

High School

June. 2018 – March 2020

Percentage : 89%

PROJECTS

ZeroCode | *BunnyShell API, Django Rest API, ReactJS*

July 2023

- Developed a no code tool using Django REST Framework, ReactJS, and Bunnyshell Cloud for rapid application development and effortless deployment.
- Simplified data organization through automatic table generation and performed CRUD operations seamlessly using GraphQL queries and mutations.

ZeroPay | *Flutter, Pangea API, Django RestAPI*

June 2023

- Integrated Pangea's robust APIs for enhanced security, including user activity tracking, sensitive data protection, breach detection, malicious activity detection, secure storage, and login security.
- Flutter and Django Rest Framework were used to create the app's frontend and backend, respectively.

DataConnect | *FastAPI, Tableau API, NodeJS*

May 2023

- Developed a data analysis extension using Tableau REST API simplifying data analysis tasks.
- Integrated with Tableau Online to import Kaggle datasets, generate dynamic visualizations, and publish analysis results as shareable dashboards.

Devcraftsman | *Oracle Cloud, Kubernetes, ReactJS, FastAPI, MySQL*

Dec 2022

- Infrastructure was created in Oracle Cloud using Terraform.
- A development-to-production pipeline setup was established in Oracle DevOps. The setup included Dockerization and deployment of the application in a Kubernetes cluster.
- Implemented frontend of application using ReactJS and consumed the API endpoints.

Drug Adverse Predictor | *FastAPI, ReactJS, Flutter, AWS, Docker, Digital Ocean*

Nov 2022

- Developed a full-stack hybrid application using with FastAPI serving a REST API with React and Flutter as the frontend
- Utilized AWS medical comprehend and textract to extract textual data from document and Machine Learning model to predict drug adverse reactions
- Used Docker to package the application and utilized Slim.ai to optimize its size.
- Deployed both the server-side and client-side applications on DigitalOcean.

Upahith | *Nvidia Gargan, FastAPI, Pytorch, ReactJS, Hugging Face*

Aug 2022

- Developed a web application utilizing deep learning techniques to assist dyslexic children in enhancing their abilities.
- A model was developed using the DistilBert base uncased model and the Flickr30k dataset, which is capable of generating images from text.
- Acquired knowledge and skill in utilizing Pytorch and Hugging Face library to create various machine learning models.

TECHNICAL SKILLS

Full Stack: React JS, Flutter, Django, NodeJS, FastAPI, RestAPI, SQL, NoSQL, JavaScript

Machine Learning: PyTorch, Tensorflow, Hugging Face, Sklearn

Cloud: Docker, Devops, Jenkins, Kubernetes, AWS, Azure, DigitalOcean

Others: Linux, Postman, Figma, Cpanel, Arduino, Python, Java, Git, Blogging

PUBLICATIONS

Manikandan A, Rohith ND, et. al. "Prediction of Covid-19 With Supervised Regression Algorithm Through Minimum Variance Unbiased Estimator", International Journal of Current Research and Review, vol. 13, no. 11, pp. s55-s62, 2021.

ACHIEVEMENTS

- Achieved 1st place in the Pangea Securathon'23 hackathon, winning a cash prize of \$5000 USD.
- Secured 1st place in the Salesforce DataDev'23 hackathon and was rewarded with Apple iPad Pro and Tableau credits
- Recognized as the Feedback Winner in the Square Developer Hackathon 2023, earning a cash prize of \$1000 USD for our valuable feedback
- Secured 1st place in SLIM AI Devops hackathon with a cash prize of \$3000 USD.
- Winners of the DeveloperWeek'23 Hackathon's Oracle Microservices Application Category, receiving an Apple AirPods as reward.
- AIR 46 in Amazon ML Challenge 2023
- President of Coding Club in Amrita Vishwa Vidyapeetam , Chennai.
- Secured 3rd place in PSG ITechHackfest'22 organised by SAP Laboratories and Kaar Technologies.
- Runners of Caterpillar's Code-A-Thon 2022.
- Winner of MLH Hacking Heist 2022 , MLH Waffle Hacks 2022 , MLH YeeHaw Hacks 2022 ,MLH Deep Dive Hacks, MLH Thehacktrical 2.
- Runner of BioMedicathon 2021 organised by SSN institution , Chennai.
- Mentored students in the ToyCathon'21 organised by MHRD of India, resulting in a grand prize win for the team.
- Participated in Hacktoberfest 2022 as an open source contributor, submitting pull requests and contributing to various projects on GitHub.
- Winner of Phobos'21 an IntraUniversity competition organised by Amrita Vishwa Vidyapeetham.
- Open Source contributor to various organisations such as Hugging Face Transformers, tldr-pages, Microsoft, Supabase, Modernizr
- Winner of SRM TechFest'19 organised by SRM University for school students.
- Winner of Technocrats 2017 organised by Technocrats Robotics club,India.
- Participated in various hackathons organised by AWS, Snapchat and other reputed organisations.

LICENSES & CERTIFICATIONS

- Postman Student Expert Certification.
- A Beginner's Guide to Linux Kernel Development Certification.