Anaswara T Rajan

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EDUCATION

Govt. engineering college Palakkad   Kerala, India
Bachelor of Technology in Computer Science and Engineering   *Aug 2017 – Aug 2021*

EXPERIENCE

Co-founder and Contributor   Nov 2020 – Present
Open-source   *Remote*
- Co-founded RocketMeet, lead and assisted a team of 5 on RocketMeet's client built with Nextjs, TypeScript.
- Designed, prototyped and set up a robust barebone for RocketMeet's client.
- Maintained repository by performing bug fixes, code reviews and administering production deployments.
- Installed core functionalities like async request handling, state management with redux in the isomorphic framework, private routing.

Freelance Web Developer   July 2020 – Oct 2020
Mako Learning Hub   *Remote*
- Worked as a full stack web developer on Makolearning Hub, a 1-1 e-tutoring platform built with Express, Nuxt and Firebase with a team of 3.
- Implemented secure software features according to design specifications in the serverless API and Nuxtjs client app.
- Acquired hands-on experience in API design and development, NoSQL databases, authentication flow.
- Deployed and administered the website.

Software Developer Intern   May 2020 – July 2020
CompileInc   *Remote*
- Co-developed NDC-HCPCS search tool, an industry-leading product in Commercial healthcare made with Django Rest Framework and Nuxtjs that queries and returns csv exportable search results of drug data.
- Created ETL pipelines that updates a postgres database daily with cronjobs from source datasets and optimised through memory profiling.
- Implemented various software features and interactive UI components in accordance with design specifications in NDC-HCPCs search tool client.
- Extracted SEO relevant long tail keywords from Commercial healthcare company websites with scrapy spiders, generated keyword reports for data analysis.
- Integrated an automated page generation tool with Django to CompileInc blog.

PERSONAL PROJECTS

ChunkedSet | *Flask*   Mar 2020
- Accomplished making a set of sets of integers called ChunkedSet with flask.

Invento 2020 website | *Django, Postgresql, Heroku, Git*   Feb 2020
- Worked on college annual multifest website backend.
- Maintained and administered the website.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C/C++, SQL (Postgres), HTML/CSS
Frameworks: Django, Django REST Framework, Express, NuxtJs, Nextjs, Node.js, Flask
Databases: MongoDB, Firestore, Postgres
Developer Tools: Git, Firebase
Libraries: React, Pandas, NumPy, Plotly

ACCOMPLISHMENTS

One Night Code Finalist | *Dyuksha, NSS College of Engineering | Inter College level*   Feb 2020
- Pluto is a website to find spots to spend alone time with loved ones and selected in top 3 out of 15 teams in a 24 hour hackathon.
- Contributed to designing UI, ideation and delivering presentation.

Data Scientist Finalist | *Dyuksha, NSS College of Engineering | Inter College level*   Feb 2020
- Constructed Machine Learning models with high predictive scores for a number of kaggle tasks and made it to top 2 participants.

Mini Hackathon Winner | *GEC Palakkad | College level*   Jan 2020
- Created a plotly app using flask that visualizes humidity data of australia as part of project habitat which won 1st prize out of 12 teams.
- Habitat is a website that helps locate wildfire prone areas in australia and report them to authorities.