Naveen Shagala

Python Developer

naveen@codeconnex.com +91-9391082707 Hyderabad, India

Education

B-Tech, *Joginpally B.R Engineering College* Hyderabad, India

Professional Experience

Python Developer, *Codeconnex*

Associate Software Developer, *Vollmond Innovations and Social Entrepreneurs Private Limited (MEDXPERTS)*

Software Engineer intern, *Vanna Infotech India Pvt Ltd*

Technical Skills

Language (Python) | **Database** (PostgreSQL, MYSQL) | **Web Framework** (Django Rest Framework, Flask)

Cloud Technologies (Amazon Web Services (AWS), Google Actions)

AWS Services (EC2, S3, Route53, Lambda, CloudFront,IAM, SNS, SES) | **Version Control** (GitHub, Bitbucket)

Operating Systems (Windows, Ubuntu) | **Automation Server** (Jenkins)

Tools and Services (Voiceflow, Twilio, Mailgun, Redis)

Areas of Expertise

- A good Knowledge in developing REST APIs for Web applications using Python, Django REST Framework & Flask.
- A good team player with excellent Communication, Interpersonal, Organizational and Leadership.
- Skills, with the ability to work and adapt quickly to new environments.
- Having good knowledge in Object Oriented Programming.
- Familiarity with Postgres /SQL databases and their declarative query languages.
- Good Understanding and Configuring AWS EC2, S3, Load Balancers, Target Groups, Route53 services.
- Creating Pipelines for Continuous Integration and Continuous Deployment using Jenkins.
- Configuring Ubuntu Servers and services to run applications.

Projects

Project 1: Docsteth

- ***Technologies*** : Python, Django REST Framework, Postgres, EC2, SNS, SES, AWS Lambda, S3, CloudFront, Route53, Redis, Keycloack, Openvidu, Mailgun, Twilio, Onesignal, Jenkins.
- ***Role*** : Associate Software Developer

Description *:*

- Docsteth is a social media platform built for doctors which gives them an opportunity to build their practitioner's profile, share their accomplishments, connect with fellow doctors and organizations and to build their network.
- It also provides an opportunity to organize online events, CME programs, courses, write articles, publish job postings, photos, videos, Files and more.
- With E-Practice module, it consists of information on diseases, drugs and provides clinical calculators accessible to all for free.

***Roles & Responsibilities**:*
- Developed REST APIs for generating personalized Feed based on users.
- Implemented Redis-cache to store the user's generated Feed.
- Developed REST APIs for suggesting Hashtags based on user's past activity, interactions and interests.
- Developed Trending Hashtag APIs based on Hashtags usage in a given time frame.
- Developed simple image compression functions.
- Developed APIs to upload Images, Videos, Files to AWS S3 buckets.
- Created CICD Pipelines using JENKINS to deploy backend and fronted code intoAWS EC2 servers and s3 buckets.
- Configured Load balancers, Target Groups, CloudFront, Route53, EC2 which will deliver content based on user's request via multiple micro services.

Project 2: Neonatai

- **Technologies** : Python, AWS, EC2, S3, Postgres, Django REST Framework
- **Role** : Python Developer

Description:
- Neonatai is a health care application which is developed to take care of sick and very fragile babies.
- It provides information through videos and detailed images on how to nurse the babies in an easy and accurate way.
- It contains information in form of illustrations for neonatal diseases and care practices of babies.
- Moving on, it contains checklists, health calculators which can be helpful to nurse a baby in a critical situation.

Roles & Responsibilities:
- Built REST APIs for User's signup and sign in.
- Integrated AWS SES, SNS, Mailgun, Twilio APIs to send emails and messages.
- Configured NGINX service to deliver data.
- Configured ubuntu systems for running applications.
- Created CICD Pipelines using JENKINS to deploy backend intoAWS EC2 server.

Project 3: Babydoctor

- **Technologies** : Voiceflow, Google Actions
- **Role** : Python Developer

Description:
- Babydoctor is a google assistant application which is used to nurse babies.
- It asks questions related to baby's health conditions such as heart rate, breathing, crying, apnea, gasping respirations, chest movements, and much more.
- It provides sequential steps on how to nurse a baby in a various condition.
- It allows a user to start from a particular step and skip remaining steps in case of a specific health issue.

Responsibilities:
- Implemented invocations through which a user can call the Babydoctor assistant.
- Created Intents, replies for Babydoctor assistant related to baby's health conditions.
- created intents which captures user's replies & respond back with specific instructions.
- Created intent specific related diagrams and reply flows.
- Deployed using Google Actions Console.