Chandni Asnani

Software Development Engineer I

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Education

M.Sc. in Information and Technology, Aug 2020 – May 2022 | Gujarat, India
Dhirubhai Ambani Institute of Information and Communication (DAIICT)

B.E. in Electronics and Communication, *Gujarat Technical University* Jul 2015 – May 2019 | Gujarat, India

Professional Experience

Zoop.one

Software Development Engineer I May 2022 – present | Pune, India

- I am developing web scrapers to extract and verify student information from various colleges across India.
- I have developed strong communication skills to understand client requirements and create tasks accordingly.
- Designed and developed a program to verify the legitimacy of email addresses using predefined criteria as a Proof of Concept (POC).
- I am skilled at efficiently managing multiple projects, meeting deadlines while maintaining high quality work.

Software Intern Feb 2022 – May 2022 | Pune, India

- Proficiently designed and **implemented distributed task queues** for processing asynchronous tasks **using Celery and Redis**, reducing wait times and improving application performance.
- **Utilized** AWS services such as **S3, EC2 instances, and Lambda** to develop scalable and robust web applications, reducing overhead and improving uptime.
- Developed and **integrated Celery and asynchronous tasks with Flask web applications**, leveraging the framework's flexibility and extensibility to build high-performance web applications.

TIX Ecosystems Pvt. Ltd.(Tntra.io)

Associate Software Engineer Sep 2021 – Feb 2022 | Ahmedabad, India

- Acquired **proficiency** in **designing APIs** and successfully integrated them with Frontend Technologies.
- Developed collaborative skills and gained **experience in team-based work**, resulting in the successful completion of tasks within specified timelines.

Python Intern Jun 2021 – Sep 2021 | Ahmedabad, India

- Leveraged theoretical expertise in **Object-Oriented Programming** and **Dynamic Programming** to design and implement efficient web application projects.
- **Created** a comprehensive **Project Management Tool** to centralize project and module information for the company. The utilization of this tool **resulted in a reduction of unnecessary module construction** across multiple projects within a few months.

Skills

Programming Languages
Python, Javascript, R

Frameworks And Libraries
BeautifulSoup, Django, DRF, Flask, FastAPI, Pyppeteer, Scrapy

Databases
PostgreSQL, MySQL, MongoDB, Elasticsearch

Background Tasks Libraries And Servers
Celery, Redis server

AWS Services
EC2 instance, SQS, Lambda, S3 Bucket, AWS Textract

GCP Services
Cloudrun, Cloud function

Cloud Platforms And Servers
AWS, Google Cloud Platform, Docker/Docker Compose

Linters & Unittest
MyPy, flake8, black, unittest, pytest

Projects

Project Management System

- A task management system was developed based on the Jira platform, with three types of users: admin, employee, and lead.
- The system included a feature for extracting information such as an employee's project history and working hours.

FoodBit

- A scraper was developed to extract details of a specific dish, as provided by the user, by searching mainly on Wikipedia.
- The extracted details, including recipe, ingredients, and calories, were displayed to the user, enabling them to interact with and learn about various food dishes.
- The system also helped maintain a healthy diet for the user by providing information on the ingredients and calories of each dish.

Insurance Mapper

- Developed a service that utilized the insurance company's mapping of vehicles with policies to find the best match for a given input.
- Integrated a government database to obtain the required vehicle details, which were then mapped with the insurance company's own database to provide the appropriate policy.

Document Details Extract

- The objective of the project was to create an API that could extract required details from an input image of a document.
- AWS services such as Lambda, API Gateway, and Textract were utilized to receive and process the image data.