Santana Gopala Subrahmanyam Yedida

FULL STACK DEVELOPER

gopal.yedida@gmail.com

+91 9182039277

Kakinada, Andhra Pradesh, India

https://gopal-y.github.io

https://linkedin.com/in/im-the-developer

https://github.com/gopal-y

A compassionate and pragmatic developer working on web application development for the last 2 years. Worked on micro front-end and microservice architectures, and delivered highly optimized and scalable micro applications. Developed cron jobs using python scripting, to process information, performed unit testing along with edge cases detection. Learning continuously to meet the requirements of the rapidly changing software industry.

WORK EXPERIENCE

Role: Full-Stack Developer

Designation: Specialist Programmer

Infosys

July/2021 – Present

Technology Stack: React, Node, Express, TypeORM, Postgres

- Design and development of a web application that processes data from different sources and computes results, displayed on the UI by leveraging various RestFul APIs.
- Developed a singleton mailer service within the application to improve the performance of the application with only one mailer instance for the entire application.
- Design, develop and deploy new API endpoints as a part of feature integration and delivery.
- Developed TypeORM schemas to perform DML and DDL operations.
- Developing new API endpoints with the knowledge of Express middleware to monitor application availability, since API endpoints of a different server are integrated into the backend server.
- Exploring Kubernetes and configured a Kubernetes cron job that alerts the operations team about application failure as a proof of concept.
- Fixed several critical bugs relating to the business logic and data computation such that the application can scale and perform under huge load.

Role: Full-Stack Developer (*Codestore - Infosys Marketplace*)

Designation: System Engineer Specialist

Infosys

August/2020 – July/2021

Technology Stack: Angular 8 and above, Python 3.5 and above, GoLang, MongoDB, GraphQL.

- Design, develop and integrate UI for several application features with the help of micro front-end architecture. Thereby multiple features were developed independently and are being maintained by different pipelines.
- Implemented pagination to handle several thousands of documents, simultaneously for multiple users, resulting in reduced time for the first-page load, by 10 times.
- Implemented schemas in GraphQL to create efficient CRUD operations, resulting in reduced response time of the API calls.
- Developed a new feature with which static pages can be added to the existing application, without any deployments or code changes.
- With the knowledge of Angular Framework, created two-way communication between different micro

front-ends of the application.

- Developed custom plugins in Python to perform a task, either immediately or at any scheduled time, such as sending emails, reviewing data, data migrations, and generating reports.
- Developed API endpoints to capture user interactions to enhance user experience.
- Developed a search algorithm to provide the most accurate data items.
- Gained working knowledge to deploy a docker image in a Kubernetes cluster.
- Adhered to the release guidelines discussed during Sprint Grooming and Planning meets.

Role: UiPath RPA Developer

Designation: System Engineer Specialist

Infosys

November/2019 – June/2020
Technology Stack: Python, UiPath, HTML, CSS, JavaScript

- Design and develop Python scripts to run UiPath automation at a scheduled time.
- Design and develop automation scripts using UiPath to execute the console applications and automate a desktop application.
- Design and develop automation scripts to create reports in HTML.

Key Skills

Front End

- Bootstrap, Angular 8+, React, GraphQL, Apollo
- CSS3, ES6/ES2015, HTML5, JSON, Javascript
- Angular Material and Angular Elements
- Jest, Jasmine

Back End

- Node, Express, GoLang
- Python scripting and Flask
- Mongoose, GraphQL, TypeORM, NodeMailer, Cron

Databases

- MongoDB, Postgres

DevOps

- Git, Jenkins

SDLC

- Agile development and tracking with Jira

Miscellaneous
- Docker, Nginx, Kubernetes

Education

Degree / Stream	Percentage / CGPA	College / School	Board / University
B. Tech, Information Technology	8.67/10	ANITS, Visakhapatnam	Andhra University
Intermediate Education (Maths. Physics, Chemistry)	96.9%	Narayana Jr. College, Velivennu	Board of Intermediate Education Andhra Pradesh
Secondary School Certificate Exam	9.2/10	Aditya Junior College, Kakinada	Board of Secondary Education Andhra Pradesh

Achievements / Awards

- Stood in Top 600 in HackWithInfy 2018, and secured a PPI at Infosys, as System Engineer Specialist
- Most Valuable Player Award - June, 2020
- Insta Award - March, 2021
- Insta Award - June, 2021
- PAT Award - October, 2021