

PRANAV KUMAR SONI

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Profile Summary

Software Engineer with 2.5+ years of experience in end-to-end software development. Proficient in modern technologies including ReactJS, FastAPI, SQL, and cloud-native tools like Docker and Kubernetes. Passionate about building scalable systems, automating processes, and solving complex technical challenges. Strong foundation in DSA and System Design.

Education

Vellore Institute of Technology

2018 - 2022

(B.tech) Computer Science and Engineering with Gaming Technology

Experience

Societe Generale Global Solution Center

July 2022 – Present

Software Engineer

Bangalore

- Created a dashboard using **ReactJS** and **ChartJS** to visualize data in charts and graphs along with map view giving management a solid understanding of the incidents on infra reducing their efforts by **40%**.
- Created **REST API's** for the dashboard using **FASTAPI** to extract KPI's and other important metrics from tables and **Python** Scripts to update tables related to dashboard from pre-existing tables.
- Used **ReactJS** and **Material-UI** and **SocketIO** to create complete interactive user interface for chatbot with features like buttons, links, images embedded in chat to increase user engagement by **30%**
- Used **Rasa Framework** and **FastAPI** to implement **NLU** based **chatbot** with several intents to answer user queries world wide and provide a detailed answer and real time status of their tickets reducing front-line team's effort by **25%**
- Created **REST API's** with **FASTAPI** to upgrade OS versions of multiple types of devices reducing manual effort and cost saving for the organization.
- Created multiple **DAG's** in **Airflow** to schedule scripts to update databases of critical projects and to create a live-status of the ongoing upgrade steps and deliver to front end.
- Used **RabbitMQ** and **Celery** to take multiple requests simultaneously allowing users to initiate upgrades to multiple devices at the same time improving the efficiency of the tool by **40%**
- Created very interactive **User Interface** with multiple components with features like pagination in tables, progress bars for downloading files and live-status of the upgrades using **ReactJS**, **Redux** and **Material-UI**
- Implemented session management for the users using **Redis** improving consistency of the tool.
- Migrated REST API's to **GraphQL** improving response time by **30%**
- Improved code coverage to 85% by implementing thorough unit and integration testing.
- Tech Stack** - Python, JavaScript, ReactJS, FastAPI, Postgres, SQL, Airflow, Redis, RabbitMQ, Celery, GraphQL

MAQ Software

Dec 2021 – June 2022

Associate Software Engineer (Internship)

Hyderabad

- Embedded Power-BI report in a Web App using **ReactJS** with row level security.
- Developed features to enhance employee management portal of the company.
- Upgraded 3 **.NET** projects from SMTP to Microsoft GraphAPI to send automatic email to designated users.
- Migrated multiple Qlick View script to **SQL** by writing stored procedures and creating SSIS packages in Microsoft SQL Server.
- Tech Stack** - JavaScript, C#, SQL, ReactJS, .NET, Visual Studio, Microsoft SQL Server

Biztime IT Solutions

April 2020 – June 2020

Backend Developer (Internship)

Remote

- Developed **Login and Authentication** system of the project.
- Tech Stack** - JavaScript, NodeJS, ExpressJS, MongoDB

Skills

Languages: Python, JavaScript

Backend / Frontend: ReactJS, FastAPI, GraphQL

Database & DevOps: SQL, PostgreSQL, Redis, Docker, Kubernetes, Airflow, RabbitMQ, Git, Linux

Fundamentals: DSA, DBMS, OOPS, OS, System Design

Achievements

Algorithmic Competitions/Achievements

- Got nominated among **Top 4** projects for innovator of the year awards.
- Solved **1500+** **DSA** problems across different coding platforms.
- Ranked **27th** among VIT programmers on GeeksForGeeks.