AGNIDIPTO SINHA

agnidipto12.25@gmail.com | 98362 40044 | Website | LinkedIn | Github

Software Developer with 2+ years of experience. Aimed at providing effortless and efficient experience for enterprise level applications. Experienced in ReactJS, Spring Boot, Flask and Python.

WORK EXPERIENCE

Capgemini | SENIOR ANALYST   *Jul 2021 – Sept 2023 | Bangalore, IN*

- Formulated **Automations in Python** for data collection and analysis, thereby reducing manual efforts for teams by **50%**.
- Implemented and Automated code for **Scraping Data** from Client-side Applications using **Selenium and BeautifulSoup** in **Python**, for generating reports and performing analysis on KPIs for Client, Senior Management and other Stakeholders, minimizing **time and effort** for generating reports by **90%**.
- **Collaborated with Cross-Platform teams** to generate Python code for tracking and maintaining **business KPIs** across several teams with **Selenium and PyExcel**.

Freelance | FULL-STACK DEVELOPER   *Jan 2021 – Jul 2021 | Kolkata, IN*

- Created **Web Apps** for Clients during my tenure as a Freelancer.
- Leveraged **ReactJS** as a base for all front-end needs, along with different Styling Frameworks like **Bootstrap, Semantic** and **MaterialUI**, which lowered time spent on styling by **50%**.
- Developed back-end APIs using different frameworks, like **Spring Boot** with Java, and **Flask** with Python. Set up database with **PostGreSQL**.
- Seasoned in using useful libraries, such as **Redux, React Hooks,** and **Data visualization** libraries, including **React-Vis, RechartJS,** and **Apex Charts**.
- Deployed complete web apps in **Heroku** and **Google Firebase**, which brought down total cost by **70%** and increased efficiency by **50%**.

PROJECTS

Stock Market Portfolio Analysis

- Solo Project for graphical visualization and analysis of personal **stock market investments**.
- Utilized **ReactJS** for front-end, stylized with **Boostrap**. Data Visualization tools include **React-Vis, RechartJs and Apex Charts**. State management employed **Hooks** primarily, and **Redux** (Redux-Toolkit).
- Integrated **Flask** with **SQLite** database for back-end and temporary storage of data. Applied **5Paisa SDK** for gathering information from Demat account and Stock Market (NSE, BSE) with Flask, which optimized ease of gathering data by **20%**.

House Price Prediction

- Collaborated in a Team Project built for **predicting prices of real-estate** in the city of Bangalore in India.
- Established the connection between a **Machine Learning** model made with **Regression**, and Rest API endpoints in **Flask**.
- Implemented **ReactJS and Bootstrap** for front-end, bringing down total time for deployment by **50%**. State management with **React Hooks**.

EDUCATION

B.Tech in Electronics and Computer Science   *Kalinga Institute of Industrial Technology*
8.2 CGPA (3.42 GPA on a 4.0 scale)   2017 - 2021 | Bhubaneswar, IN

SKILLS

- ReactJS
- SpringBoot
- Flask

- React-Vis, RechartJS
- Redux
- SQL

- Python