Bharath N S

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Education

2019	B.Tech in Electrical Engineering - (Major)
	Indian Institute of Technology Delhi, India

Experience - (codes available on GITHUB)

- **Cloudplinth - Alerts Web App for Industrial Sensor Deviations.** Jun'23 - present

  - Utilized Siemens Insights Hub API's to fetch real-time data from sensor devices, enabling continuous monitoring of critical parameters.

  - Developed a robust Python script to trigger instant alerts when deviations are detected in the sensor data, ensuring timely responses to potential issues.

  - Implemented a smart notification system to send messages in case of new alerts and update on resolved alerts, ensuring effective communication with relevant stakeholders.

  - The app provides a user-friendly interface for tracking and managing alerts, streamlining incident management and response procedures.

- **Damex - Admin Dashboard and Bot management application.** (Jan'23 - Apr'23)

  - Developed CWC(Central Web Console), a Console ⟷ Server ⟷ Bot communication software system to deploy, connect with and control any number of trading bots, and record and report trades and statuses to the CWC.

  - Designed and developed a highly efficient admin dashboard with comprehensive user and bot management functionalities.

  - Implemented a web application displaying bot metrics and Profit and Loss (PNL) data, enabling the team to monitor performance effortlessly and identify areas for optimization.

  - Seamlessly integrated the web application with the Hummingbot console using the MQTT library, allowing real-time notifications and event logs to be received and analyzed within the system.

- **Alphastack - A static website to create web presence of the company.** (Jan'22 - Dec'22)

  - Spearheaded the UI design process by collaborating closely with managers and stakeholders to discern crucial user requirements and preferences, seamlessly incorporating them into the overall look and feel of the website.

  - Employed React to create a high-impact company website, starting from scratch. Developed and implemented a fully responsive UI design, ensuring a seamless user experience across various devices and screen sizes.

Achievements

- Secured 86TH rank(OBC) in IIT-JEE, the entrance test to IITs, where 1.5 million students participated.

Computer Science / Software Engineering Skills

- Javascript (MERN and PERN Stack), Python,Postgres , SQL

Disclaimer: (2019 - 2021) During this time period, I was pursuing ESE Exmination conducted by UPSC.