

N S BHARATH *Software Engineer - Full Stack*

✉ bharathsurya021@gmail.com

☎ +91 9347070619

📍 Hyderabad, India

🌐 [linkedin.com/in/bharathsurya021](https://www.linkedin.com/in/bharathsurya021)

🌐 <https://www.behance.net/bharathsurya>

Profile

Graduating from IIT Delhi and with close to 3 years of experience as a software engineer, I have a strong background in building user-friendly web applications. My technical expertise and strong design sense drive my ability to be a Full Stack Engineer

Education

B.Tech in Electrical Engineering, *Indian Institute Of Technology Delhi*

2019 | Delhi, India

Skills

Languages: Javascript, Python, Java

Frameworks: ReactJs, NodeJs, NextJs, Django

Databases: MongoDB, Supabase, MySQL, PostgreSQL, Sqlite3

Cloud Services: Aws, Microsoft Azure, Google Cloud

Tools: Figma, Framer, Wix, Git, Canvas

Professional Experience

Software Engineer, *Jobrobo*

2023/10 – 2024/07 | Hyderabad, India

Job Application Automation:

- Developed a **FastAPI Job Search Filter Application**, allowing users to create and manage personalized job search filters with data securely stored in MongoDB. The platform supports custom search criteria, including job title, experience, location, and companies, and is backed by a scalable and efficient service using Uvicorn and Motor.
- Created a **Job Post Parser API** leveraging OpenAI's GPT models to extract and structure essential details from job postings, such as job titles, company names, and required skills, delivering data in JSON format.
- Automated job listing scraping through **Chrome Extensions**, increasing job search efficiency by 40% and saving users an average of 3 hours per week.
- Designed and implemented a **Job Search Web Application** using React, Material UI, Node.js, and MongoDB, resulting in a 30% increase in user engagement and a 25% faster job search process.

AI Interviewer Application:

- Developed a robust backend using **FastAPI** for an AI-powered interview platform. Implemented secure upload of interview audio files to **AWS S3** and performed CRUD operations on **MongoDB**. The API processes user-generated data efficiently and returns structured results in **JSON** format.
- Built a user-friendly frontend application with **ReactJS** and styled using **Tailwind CSS**, enabling users to record their interview answers effortlessly. Ensured seamless interaction with backend services for a smooth and integrated user experience.
- Enhanced candidate **evaluation accuracy** by **20%** and reduced **interview time** by **50%**

Technical Consultant, *Cloudplinth Technologies*

2023/06 – 2023/08 | Hyderabad, India

Real-Time Alert Dashboard for Industrial Operations

- Contributed to the development of a real-time alert dashboard designed for industrial operators. The dashboard enhances operational safety and efficiency by providing immediate notifications of critical conditions, allowing for prompt decision-making and response.
- Assisted in integrating the **Siemens API Gateway** for sensor data retrieval. This integration ensures swift responses to potential issues and significantly improves overall process reliability by enabling real-time monitoring and alerts.

Freelance Engineer, Ekalavya Innovations

2023/04 – 2023/06 | Tirupati, India

Digital Billboard Ad Scheduler

- Developed an ad scheduler for remote management of digital billboard files, enabling clients to access and manage their content from any location, thus enhancing operational flexibility and convenience.
- Created efficient APIs using **FastAPI** and **Python** to handle client-specific ad collections. These APIs streamline the management of ad content and facilitate smooth integration with the scheduling system.
- Designed a seamless system for uploading and scheduling ads, significantly enhancing campaign flexibility and effectiveness. The system supports dynamic ad placement and scheduling, optimizing campaign performance.
- Utilized **AWS S3 buckets** for secure storage and efficient retrieval of client-specific ad collections, ensuring reliable access and protection of valuable digital content.

Remote Technical Consultant, Damex

2023/01 – 2023/04 | Zibraltar, UK

Client Web Console (CWC)

- Contributed to the development of CWC, a unified system designed to connect, configure, and maintain trading clients. Successfully addressed the scalability challenge of managing over 1000 clients simultaneously.
- Collaborated on the console front-end using **React** and **Ant Design**, and developed middleware with **Node.js** and **PostgreSQL** to maintain the console state. This ensured a responsive and reliable user interface for managing trading clients.
- Implemented client orchestration via **MQTT**, creating custom, event-emitting remote interface components within the trading client software. This facilitated efficient communication and control of trading clients from the console.
- Developed **Role-Based Access Control (RBAC)** to enforce secure usage of the system, ensuring appropriate access levels for administrators, traders, and accountants.

Junior Software Developer, AlphaStack

2022/01 – 2022/12 | Noida, India

- Developed a dynamic website to establish and enhance the company's online presence, actively contributing to design decisions and ensuring the site effectively represents the company's brand and services.
- Implemented a file storage server for efficient management of **backtesting market data**, parameters, and test results across various cryptocurrency exchanges and time intervals. This solution optimized data storage and retrieval processes, supporting robust and scalable market analysis.
- Designed and implemented an algorithm for market making strategies using **CSV files**. The algorithm processes market data to develop and refine trading strategies, enhancing market-making efficiency.