

Balaji J

Software Developer

ABOUT ME

Energetic software developer with bachelor's in computer science, aiming to use my knowledge of programming, application development, and problem solving ability to satisfy the requirement of your firm and to pursue my career in progressive and professionally managed organization.

EDUCATION

Sri Venkateswara College of Engineering

B.E. Computer Science
Grad. Oct 2020

SKILLS

Troubleshooting & Solution
Deployment



Coding & Scripting



Performance Optimization



Software Design and
Development



Communication



Gaming & Game Development



Logical Thinking



CONTACT

Email: bstudies28@gmail.com

Phone: +91 9087712810

EXPERIENCE

Alfalgo Technologies Private Limited (Nexera) | Tech Lead

Nov 2023 – Present

Joined as a Tech Lead, where I determined the optimal tech stack for an algorithmic trading platform. I engineered a scalable backtester, reducing operational costs by 70%. Additionally, I containerized all services, implemented a serverless architecture, and mentored team members to foster a collaborative and high-performance environment.

Stack : Python, FastAPI, Redis, MongoDB, PostgreSQL, Celery, S3
Grafana, Prometheus, Loki, Twilio, Docker, AWS Code Pipeline,
AWS Code Build, EKS, EC2, AWS App Runner, OpenAI

Oraph Private Limited (Algotest) | Founding Backend Developer

Feb 2023 – Jul 2023

As the founding backend developer from the inception, the onus of all tasks will fall on me. I notably enhanced the broadcasting of real-time stock prices using Redis and FastAPI, achieving an impressive 500% increase in efficiency. This was complemented with added authentication and optimized resource usage. Additionally, I transitioned our system from a monolithic architecture to microservices.

Stack: Python, Flask, FastAPI, Redis, MongoDB, PostgreSQL, Celery,
Grafana, Loki, Prometheus, Digital Ocean, Twilio, Docker

Ezkaam Private Limited | Software Developer

Mar 2021 – Nov 2022

Started as a freelancer and obtained the position of founding engineer at this firm. I have built the web services, mobile application, administrated the database and other cloud services from the scratch.

Stack: Python, JavaScript, FastAPI, React Native, Jinja, Bootstrap,
MySQL, Azure, Google Maps, Firebase, Twilio, Github Actions

ZerooCars | Freelancer

Sep 2021 - Dec 2021

Developed an online solution to sell and buy used cars, it contains an admin portal, inventory management system, CRM, Sales insights and a web page to view the available cars and offers.

Stack: Python, FastAPI, Jinja, Bootstrap, Google Cloud, MySQL, Twilio

Dextroware Devices | Freelancer

Dec 2020 - Feb 2021

This firm aids physically challenged people to use a computer, they developed a hardware which catches the emitting signal from user action. Helped this firm by developing a cross platform desktop application which converts the signals into computer inputs and also integrated voice assistance to improve the user experience.

Stack: C#, .NET Core, Azure

Campus Avenue | Freelancer

Sep 2020 - Mar 2021

This firm helps the student of an institution to stay connected with their alumni. Helped this firm by developing a cross platform mobile application which has few functionality similar to Instagram and other unique features. I was working closely with the founders and the backend team.

Stack: JavaScript, React Native, Google Maps

Internships

Amazon | Data Engineer | Jan 2020 - Jul 2020

Zoho | Software Developer | Jan 2019 - Jul 2019