



SAI PRAKASH BENNE

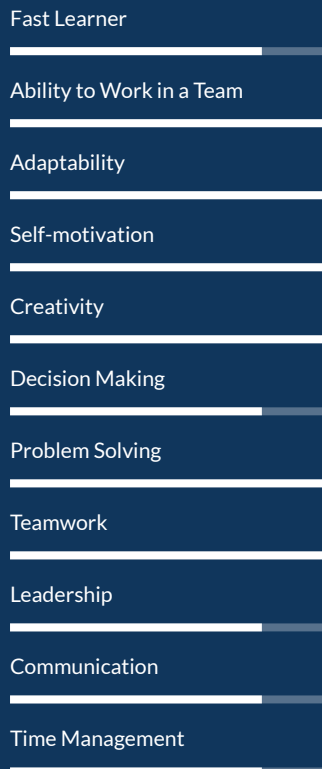
Details

Hyderabad
India
9573879821
benneaisprakash@gmail.com

Links

[Linkedin](#)
[Github](#)
[Gmail](#)
[Leetcode](#)
[Hackerrank](#)
[opensea.io](#)

Skills



Profile

Results-driven software developer with a strong foundation in Java and a proven track record in web development and modern application architecture. Adept at designing and implementing scalable solutions using a wide range of technologies including HTML, CSS, JavaScript, React, XML, JSP, Servlets, JDBC, Spring Boot, Microservices, Spring Data JPA, RESTful API, MongoDB Atlas, and Redis Cloud. Possesses a deep understanding of software engineering principles, a passion for problem-solving, and a commitment to delivering high-quality software solutions.

Education

B.Tech in Information Technology, GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY, Hyderabad

SEPTEMBER 2021 – MAY 2024

Diploma in Embedded Systems, Govt Institute Of Electronics, Secunderabad

SEPTEMBER 2017 – FEBRUARY 2021

Professional Skills

Programming Languages: Java

Front-end Technologies: HTML, CSS, JavaScript, React

Back-end Technologies: Java, Servlets, JSP, JDBC, Spring Boot, Spring Data JPA

API Development: RESTful API

Database Technologies: MySQL, MongoDB Atlas, Redis Cloud

Architecture & Design Patterns: Microservices, MVC, Monolithic

IDEs: VS Code, IntelliJ IDEA, Eclipse, Spring Tool Suite

Platform : Apache Kafka, Git/Github

Internships

AI-ML Virtual Internship, AICTE

DECEMBER 2022 – FEBRUARY 2023

Supported by AWS Academy

Web Development, Internpe

MAY 2023 – JUNE 2023

Certifications

Big Data Computing, NPTEL

Human Computer Interaction, NPTEL

Cloud Foundations, AWS Academy

ML Foundations, AWS Academy

Database Design, Oracle Academy

Augmented reality and Virtual reality workshop, AICTE

Hobbies

Exploring emerging technologies on YouTube , social media and ChatGpt.

Designing attractive web pages.

Designing digital art using AI tools and minting them in opensea.io as NFTs.

Solving competitive coding.

Playing Virtual Piano.

Listening Music.

Languages

English

Telugu

Hindi

Projects

Stock price prediction using Ensemble Machine Learning Techniques and Sentimental analysis

FEBRUARY 2023 – AUGUST 2023

Role -

As the Team Leader for the project, I led a team of three members under the guidance of Dr. Rajashekar, managing a critical transition when one of our team members unexpectedly left the project. I swiftly reallocated tasks, ensured seamless communication, and maintained project momentum. With a reduced team size, we adapted to the challenge, adhered to project timelines, and successfully delivered all objectives. This experience highlights my leadership, adaptability, and problem-solving skills in navigating unexpected disruptions while achieving project success.

Description -

This case study explores the application of ensemble machine learning techniques in combination with sentiment analysis for stock price prediction. By utilizing Long Short-Term Memory (LSTM), Support Vector Machine (SVM), XGBoost, and Random Forest models, and integrating sentiment analysis, this project aims to provide a comprehensive analysis of their effectiveness in predicting stock prices.

Technologies Used - React ,Spring Boot, Java, Python, ML Libraries.

Architecture - Microservices (each ML model is a individual service)

RoyalTheorem - An eCommerce server side application using Microservices architecture

AUGUST 2023 – PRESENT

Github link : [saibenne/royaltheorem \(github.com\)](https://github.com/saibenne/royaltheorem)

Role -

In this personal project, I took on the role of a developer and architect to design and implement a robust microservices architecture using Spring Boot. The project aimed to enhance scalability, maintainability, and overall system performance. I divided the monolithic application into independent microservices, each responsible for specific functionalities.

Description -

This project involves the development of a Spring Boot-based microservices architecture for managing various aspects of a design and order system. The system comprises multiple microservices, including Designer Service, User Service, Orders Service, and Design Service. Additionally, it employs Netflix Eureka Server for service registry and discovery, Spring Cloud Gateway as the API gateway, and Redis for caching purposes. Key tasks included designing RESTful APIs, implementing microservices using Spring Boot, managing service-to-service communication, and ensuring fault tolerance. I used Postman tool to test each REST API and service to service communication.

Technologies used - Java ,Spring Boot, Netflix Eureka Server, Redis cloud, Spring Cloud Gateway, Spring data JPA, MySQL, MongoDB

Architectures - MVC, Microservices

BlockForge API: Crafting Blockchain Networks and Deploying Smart Contracts with Ease

AUGUST 2023 – PRESENT

currently working

Role -

Currently, I am actively leading a two-member team in the development of our visionary project, which is based on my original idea. With the expert guidance of Dr. Rajasekhar, we are dedicated to creating an innovative API for Blockchain networks and smart contract deployment. I coordinate our collaborative efforts, handle project planning, task delegation, and milestone management, all while leveraging Dr. Rajasekhar's expertise to guide our project. This role allows me to demonstrate my leadership skills and my commitment to achieving success in the blockchain technology domain within a mentorship-driven environment.

Description -

In this groundbreaking project, our team is focused on developing an advanced API (Application Programming Interface) for the seamless creation and deployment of Blockchain networks and smart contracts. This endeavor aims to revolutionize the way blockchain technology is accessed and utilized, making it more accessible and user-friendly for businesses and developers. Using the BlockForge API, developers can focus on business logic rather than focusing on implementing complex and time taking blockchain technology. BlockForge API automates the creation and deployment of blockchain and the developer just need to choose type of blockchain network, consensus algorithm, hashing techniques ,network type, etc that fosters the blockchain development.

Achievements

A certified Smart Coder

certified by smartinterviews.in

Hackerrank Gold Badge

Java ,Problem solving

Key Achievements

- Led a team of three individuals in a critical project, demonstrating strong leadership and project management skills.
- Successfully managed the team when one team member unexpectedly departed, ensuring project continuity and timely delivery.
- Received high praise and appreciation from the project evaluator for my exceptional leadership and team management skills, which played a pivotal role in the project's success.