

Bojja Srikar

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About

A technology enthusiast with a keen interest in Software Engineering with 2 years of experience. Skilled in back-end engineering, data engineering, and full-stack development.

Skills

Programming languages java, python, JavaScript, C, C++, Matlab, SQL ,Dart ,Kotlin

Backend Technologies Spring boot, Flutter, Machine learning(ML), Deep learning, AI and Algorithms, Contract and JUnit Tests, Automation Tests

Frontend Technologies React, Angular, HTML, CSS, and Thymeleaf

Databases Elasticsearch, Postgres, MySQL, DynamoDB, MongoDB, Scylla DB, Rocks DB

Development tools Apache Flink, Git, Jenkins, AWS, Docker, Kubernetes(K8) , K6, Terraform, Ansible(CM tools)

Competitive Programming Data Structures and Algorithms

Key Domains Backend Engineering, Data Engineering, Full stack development, DevOps, Distributed Systems

Education

BTech VNR Vignana Jyothi (vnrvjiet), ECE(Electronics and Communications)

May. 2018 to May 2022

- Btech - GPA: 9.3/10.0
- participated and won in 30+ hackathons and completed multiple courses on Data Structures and algorithms, IOT, ML/AI, and Blockchain.

Experience

BRANE SERVICES PRIVATE LIMITED

SOFTWARE ENGINEER 2/PROCESS LEADER

Hyderabad, Telangana

May 2022 to present

2 years 3 months

- **Skills Acquired :** Backend Engineering, Data Engineering, Full stack development, DevOps.
- Developed Real-Time Data Streaming and Monitoring tool (Streamers Microservice) using Java, Spring boot, Kafka Streams, and Thymeleaf to monitor the Platform Transaction Data and give Alerts.
- Developed Transaction Datastore (Txn-Store Microservice) using Confluent Platform, AVRO, Schema Registry, Kafka Connectors, SMTs, and Scylla DB.
- Developed AI-ML, REST, SFTP, MQTT, Postgres, MySQL, MongoDB, POP3, IMAP, and other protocol and database-based Adapters.
- Built Terraform-based Confluent Platform Architecture and CI/CD pipelines using Kubernetes, Docker, AWS, and GitHub.
- Led the Team to build source/sink connectors like Postgres, MySQL, Scylla DB, Javier's, and History connectors for CDC and History service.
- worked in a team to benchmark platform API by writing k6 Scripts.
- Resolved 100+ production bugs, researched 15+ new features POCs, managed and trained 30+ interns.
- **Recognition:** Earned 2 promotions within 2 years i.e FY2022-2023 and FY2024-2025 for showcasing leadership and technical expertise. Currently leading a team of 12 skilled full-stack/data engineers.

Internships

BRANE SERVICES PRIVATE LIMITED

Intern

Hyderabad, Telangana

NOV 2021 to May 2022

6 months

- **Skills Acquired :** Backend Engineering
- Worked on Developing Payment Gateway API's like Razorpay, Instamojo, Paytm, and Stripe. Location API's geolocation. Communication APIs like Bulk SMS(Twilio) and Bulk Email(GMAIL, OUTLOOK) in External Solutions Microservice.
- Implemented QA automation Scripts for the APIs and written Documentation for the dev release notes.
- **Recognition:** Earned Pre Placement Offer(PPO) within 6 months of internship for my exceptional performance and team player skills.

Projects

Content-based medical image retrieval using deep convolutional neural network([research-paper](#))

Major Project

- **technologies:** python, CNN, Machine learning, Deep learning, Matlab, Simulink.
- project is based on Content-based medical image retrieval using deep convolutional neural network.
- **Awards:** Second best project in signal processing and Deep learning in the Department of ECE in FY2021-2022.([award](#))

Hand bone fracture detection

Minor Project

- **technologies:** MATLAB, Weka, Machine learning toolbox.
- Collect images of hand bone X-rays from hospitals and the internet, extract GLCM features using MATLAB, apply machine learning algorithms in MATLAB, and provide results indicating if fractures are present.

Other personal projects

- **EOG signal processing and machine learning**
- **Cultbox App**([project](#))

Certifications

- **Machine Learning: Stanford University**([view](#))
- **Blockchain Basics: University at Buffalo**([view](#))
- **Data Modeling and Application Development: ScyllaDB**([view](#))
- **Internet Of Things(IOT): Vnrvjiet**
- **Basics of Python Programming: IIT Madras**

Achievements

- Secured All India **Score of 393** in GATE Electronics in 2021 organized by IIT Bombay ([Scorecard](#))
- Promoted for exceptional performance in **FY2021-22** and **FY2023-24**.
- **1st prize** in JNTUH technical presentation 2019([certificate](#))
- **2nd prize** in elektron hackathon Osmania University. ([certificate](#))
- Similarly Participated in 30 or more hackathons in my BTech. ([certificates](#))