

ADITYAKRISHNAN

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EDUCATION

Bachelor of Technology (B.Tech.) in Computer Science
Christ College of Engineering, Irinjalakuda

CGPA: 8.7 — 2019 - 2023
Kerala, IN

EXPERIENCE

Software Engineer

Baton Systems (India Pvt. Ltd.), Chennai, IN

Aug 2023 - Present

(Java/Spring Boot, Algorithms, MySQL)

- Revamped the initial XML-based SFTP service to a more efficient **database-centric** approach, enabling dynamic initiation and termination of **SFTP routes** without necessitating a service restart.
- **Automated** the creation and execution of guaranty fund **MySQL** scripts, through **PDF parsing** and query implementation in **Java**, significantly boosting operational efficiency by 80%.
- Implemented **Python automation** to eliminate redundant configuration code across multiple micro-services, resulting in a streamlined process for **faster client on-boarding** and improved efficiency.

Software Engineer Intern

Baton Systems (India Pvt. Ltd.), Chennai, IN

Feb 2023 - Apr 2023

(Spring Boot, MySQL, AWS)—[certificate](#)

- **Developed, dockerized & deployed** a micro-service based banking application using Spring Boot.
- Redesigned the app to include **email-service** feature using **SMTP** protocol and tested them using **Selenium**.
- Used **K8s clusters** to route requests, balance load across servers and reduce downtime.

Data Analyst Intern

Ernst & Young (EY GDS India LLP), Kochi, IN

Oct 2022 - Feb 2023

(Python, Docker, NLP, ML)—[certificate](#)

- Built an in-house Python script for the logistics team using **simulated annealing** and **meta-heuristics**.
- Used a **fleet optimization model** to max productivity and reduce costs across varying pick and drop points.

SKILLS

| | |
|---------------------|---|
| Programming | C/C++, Java, Dart, MySQL, Python, GoLang, Git, JavaScript, Arduino. |
| Development | Spring Boot, Flutter, AWS(EC2, S3), MongoDB, Postman, JIRA, Agile. |
| Technologies | REST APIs, Docker, K8s, Jenkins, JUnit, Selenium, Firebase, Unix. |

PROJECTS

SwiftPay (Banking Software)

(Spring Boot, Docker, AWS)—[GitHub](#)

- Implemented the **SWIFT** Intl. banking system for real time transactions in response to SWIFT messages.
- Enhanced the software by optimizing concurrency and multi-threading capabilities using **ExecutorService**.

TraWell App (AI travel guide)

(Flutter, Spring Boot, TensorFlow)—[GitHub](#)

- Trained an optimised **TFLite** model compatible with Android using **CNN** Algorithm to detect monuments.
- Used Yandex API to build a **TTS** (text-to-speech) engine, which aided in **voice-to-voice** translation.

ACHIEVEMENTS & LEADERSHIP

- **Winner** - Hac'KP - Kerala Police (**Intl. Hackathon 2021**) - **dark web** monitoring software. ([grapnel](#))
- **Winner** - Hack@Arch (Natl. Level **36hr Hackathon 2022**) - **AI** powered travel app. ([trawell](#))
- **Winner** - RIBC (Natl. Level **36hr Hackathon 2022**) - **decentralised** cab booking app. ([lyft](#))
- **Winner** - EY WhyHack 2022 (**24hr Hackathon 2022**) - **pothole detection** framework. ([pot](#))
- **56+** Projects, **90+** Stars, **175+** Followers[in GitHub] • **3 Star** CodeChef • **300+** Coding questions solved.
- **CEO** - Entrepreneurship Centre: Led **emerging tech** to aid innovators in their prototyping stage.
- **GDSC Lead** - Mentored 500+ SDE aspirants in the field of cross-platform app development using **Flutter**.