

ADITYAKRISHNAN

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EDUCATION

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

CGPA: 8.73 — 2019 - 2023
Kerala, IN

SKILLS

Programming	Java, Dart, C/C++, MySQL, Python, Git, Hibernate/JPA, Arduino.
Development	Spring Boot, Flutter, AWS, Selenium, Postman, openCV, spaCy, Java Swing/AWT, Tkinter.
Technologies	REST APIs, Containerization (Docker, K8s), Eureka, Microservices, Firebase, Unix, Swagger.

EXPERIENCE

Software Developer Intern

Feb 2023 - Apr 2023

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

(**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

Oct 2022 - Feb 2023

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

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

- Developed an in-house Python script for the logistics team using **simulated annealing** and **metaheuristics**.
- Used a **fleet optimization model** to maximize productivity and reduce costs.

Flutter Developer Intern

Apr 2022 - Jun 2022

- Agriday, Remote

(**Flutter, Firebase, Testing**)—[certificate](#)

- Developed and integrated **REST APIs** into android, along with interacting and testing them using **Postman**.
- Reduced the latency between one-to-one and group chats by **25%** with **Firebase RTDB** (Real Time Database).

PROJECTS

SwiftPay

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

- Implemented the **SWIFT** international messaging system for updating balances in response to SWIFT messages.
- Used a tunnelled **Eureka** server port to monitor loosely coupled microservices from the AWS **EC2 instance**.

TraWell App

(**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 (**Intl. Hackathon** 2021) - developed a **dark web** monitoring software. ([grapnel](#))
- **Winner** - Hack@Arch (Natl. Level **36hr Hackathon** 2022) - developed an **AI** powered travel app. ([trawell](#))
- **Winner** - RIBC (Natl. Level **36hr Hackathon** 2022) - developed a **decentralised** cab booking app. ([lyft](#))
- **Winner** - EY WhyHack 2022 (**24hr Hackathon** 2022) - developed a **pothole detection** framework. ([pot](#))
- **150+** Followers, **76+** Stars, **56+** Repos [in GitHub] • **3 Star** CodeChef • **250+** Coding questions solved.
- **CEO** - Entrepreneurship Development 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**.