

Aditya Singh Bhadoriya
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SUMMARY

- **Backend Software Engineer** with over 2 years of experience in building scalable microservices and automation platforms. Proficient in **Java, FastAPI, Kafka, Docker, and Azure cloud deployments**. At **Ola Electric**, contributed to EV cloud systems including document management and OMS integration. Currently at **BlueYonder**, leading backend automation and deployment efforts for cross-service communication frameworks. Passionate about building clean, efficient, and reliable backend infrastructure.

EDUCATION

- **National Institute of Technology, Rourkela** Rourkela, India
Computer Science and Engineering, B.Tech(Hons.); CGPA:8.06 *July. 2018 – June. 2022*

EXPERIENCE

- **BlueYonder (via Valiance Analytics)** Bengaluru, India
Software Engineer *Jan 2024 - Present*
 - Designed a transformation framework to convert host inputs into service-specific formats (**TMS, WMS, OMS**), streamlining cross-service communication.
 - Built a **FastAPI**-based backend to automate YAML customization upgrades, reducing manual turnaround from 3 days to under 10 minutes.
 - Configured and maintained **Kafka and ActiveMQ** for robust message brokering across staging and production environments.
 - Containerized **microservices** and deployed them to **Azure (Strato)** using **Docker and Rancher**, ensuring high availability.
- **Ola Electric Pvt. Ltd.** Bengaluru, India
Software Development Engineer-1 *July 2022 - April 2023*
 - Developed **document upload** services integrated into **EV cloud backend** to support **OTA** updates for Ola scooters.
 - Led backend API development for **OMS integration** with the consumer mobile app, optimizing **backend-frontend communication**.
 - Collaborated with architects and QA to implement a microservice-based design using **Spring Boot and RESTful APIs**.

PROGRAMMING SKILLS

- **Languages** : C++, Java, Python
- **Framework** : Springboot, Rest APIs, FastAPI, PyQt5, Tkinter
- **Tools and Platforms** : MySQL, postgresSQL, Azure, kafka, ActiveMQ, Docker, Rancher, Git, Jira
- **Coursework** : Data Structures and Algorithms, Object Oriented Programming, Design and Analysis of Algorithms, Operating System, System design

PROJECTS

- **Multi-modal Gait Analysis Tool**
 - Developed a real-time GUI using PyQt5 for analyzing cognitive states during gait training.
 - Integrated Plot.ly for interactive visualization of multi-sensor data and cognitive classification.
 - Tech used: **Python, PyQt5, Plot.ly**
- **Algorithm Visualizer**
 - Built an educational tool in Java using Processing to visualize sorting algorithms (Quick, Merge, Insertion, etc.).
 - Enabled users to view step-by-step executions and understand algorithm performance.
 - Tech used: **Java, Processing**

ACHIEVEMENT/CERTIFICATIONS

- **JEE Main 2018** : Secured **AIR 2529** out of 1.4 million candidates.
- **JEE Advance 2018** : Secured **AIR 7814** among 150,000 candidates.
- **Machine Learning (Stanford, Coursera)** : Completed ML course by Andrew Ng.