

# Aaron James

## Engineering Student

Computer science engineering student with hands-on experience in backend development, workflow automation and data integration. Built RESTful APIs with Spring Boot and MySQL, designed BPMN workflows in Camunda and worked with Apache NiFi and ELK Stack. Completed practical projects and simulations, gaining strong problem-solving skills and familiarity with real-world tools. Quick learner with a practical and solution-focused mindset.



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## SKILLS

Python

C

DBMS, SQL

Java, Springboot

Time Management

## LANGUAGES

English

Native or Bilingual Proficiency

Malayalam

Native or Bilingual Proficiency

Hindi

Professional Working Proficiency

French

Limited Working Proficiency

## INTERESTS

Problem-Solving

Playing the Piano

Football

## EDUCATION

### Bachelor of Technology (B.Tech), Computer Science and Engineering Rajagiri School of Engineering and Technology

10/2022 - Present

Kochi, Kerala, India

### Higher Secondary Education (Class 11 & 12) Rajagiri Christhu Jayanthi Public School

10/2020 - 07/2022

Kochi, Kerala, India

## WORK EXPERIENCE

### Software Engineer Intern Noctil

05/2025 - 06/2025

Kochi, Kerala, India

On-site

Tasks

- Designed and implemented a RESTful API using Spring Boot and MySQL, with CRUD capabilities and thorough testing via Postman to ensure reliability.
- Automated and streamlined data ingestion workflows using Apache NiFi, improving overall data flow management and integration.
- Built a Camunda BPMN process for automated decision-making and integrated it with the ELK Stack for real-time log analysis and monitoring through Kibana dashboards.

### Intern Virel.AI Technologies

07/2024 - 07/2024

Bengaluru, Karnataka, India

Remote

Tasks

- Developed a full-stack application using React, Node.js and PostgreSQL.
- Designed and implemented a dynamic table component with pagination and sorting features.
- Enhanced user experience by integrating backend search functionality and improving data presentation.

## CERTIFICATES

Software Engineering Virtual Experience Program – Electronic Arts (EA), Forage

Coding: Development & Advanced Engineering Virtual Experience – Accenture, Forage

Full Stack Developer Bootcamp – GeeksforGeeks

## PROJECTS

### Drive Safe – Driver Drowsiness Detection System (2025)

- Developed a real-time camera-based system using Python (OpenCV, Dlib) and Flutter to detect driver fatigue via facial and eye movement analysis. Triggered alerts to prevent accidents, aiming for high accuracy and non-intrusive integration into vehicles.

### Eventure – Local Event Finder Platform (2024)

- Built a full-stack web platform using React, Spring Boot, and MongoDB to help users discover and manage local events. Supported features like search/filter, RSVP, user authentication, and personalized dashboards for both attendees and organizers.