

# ATHUL KRISHNA A

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## Professional Summary

Java Full Stack Developer with hands-on experience building RESTful APIs using Java, Spring Boot, Spring Data JPA, and MySQL. Developed backend services, integrated React frontends, and followed layered architecture in production-oriented projects. Experienced with Docker, AWS basics, and API testing using Postman.

## Skills

**Programming Languages:** Java, SQL, Javascript

**Frameworks & Libraries:** Spring Boot, Spring MVC, Spring Data JPA, Hibernate, React, Tailwind CSS

**Tools & Technologies:** MySQL, Docker, Maven, Postman, AWS, Git, GitHub, IntelliJ IDEA

**Methodologies:** RESTful API Design, Object-Oriented Programming (OOP), Monolithic Architecture

## Experience

### Java Full Stack Developer Intern

*Techzmatrix Software Technologies (Thiruvananthapuram)*

**September 2025 – Present**

*Tools Used: Java, Spring Boot, React, SQL, MySQL*

- Developed 20+ RESTful APIs using Java and Spring Boot with layered architecture (Controller, Service, Repository), integrating MySQL database and implementing CRUD operations for core business functionality
- Built 15+ responsive React components consuming REST APIs, improving user experience by 30% through seamless frontend-backend integration
- Tested and debugged applications using Postman, reducing bug count by 40% through systematic validation and code review with senior developers

### Frontend Developer Intern

*Rubix Crew Private Limited (Thiruvananthapuram)*

**May 2023 – July 2023**

*Tools Used: Javascript, HTML, CSS, Vscode*

- Built 10+ responsive web pages with HTML, CSS, and JavaScript, improving UI consistency by 25% and user engagement by 25% through custom animations
- Collaborated with design team to deliver pixel-perfect implementations, reducing revision cycles by 20%

## Projects

### EcomShop | Java, Spring Boot, Spring Data JPA, MySQL

**April 2025 – July 2025**

- Developed scalable e-commerce backend using Java and Spring Boot, exposing 15+ RESTful APIs for product management, image upload, and order processing with 100+ products
- Implemented CRUD operations with DTO-based request/response handling, reducing API response time by 25% and ensuring clean data transfer between layers
- Integrated MySQL with Spring Data JPA following layered architecture (Controller, Service, Repository) for maintainability and scalability

### VirtuSpace | Flutter, ARCore, Unity, Firebase

**August 2023 – May 2024**

- Built AR-based interior design app using Flutter, ARCore, and Unity to visualize 50+ 3D furniture models in real-world environments
- Implemented real-time object placement, scaling, rotation, and lighting adjustments with Firebase backend for smooth user interaction
- Optimized 3D rendering performance, reducing load time by 40% and achieving 60 FPS for seamless AR experience

## Certifications

### Master Java, Spring, Spring Boot, Spring Security | Udemy

**August - 2025**

- Completed 50+ hours of hands-on training in Java backend development, Spring frameworks, and application security

### Object-Oriented Software Development using UML, Java and Patterns | IIT Kharagpur (NPTEL)

**April - 2023**

- Gained comprehensive knowledge of object-oriented design, UML modeling, and design patterns for scalable software development

## Education

### Master of Technology in Computer Science & Engineering

*Sree Chitra Thirunal College of Engineering, Thiruvananthapuram, Kerala*

**September 2022 – Septmber 2024**

*CGPA: 8.39 / 10*

### Bachelor of Technology in Computer Science & Engineering

*PRS College of Engineering and Technology, Thiruvananthapuram, Kerala*

**August 2018 – August 2022**

*CGPA: 8.94 / 10*