

# Jayasurya A

## Profile Summary

To leverage my experience as a Java Engineer in contributing to innovative software development projects. I aim to collaborate with skilled professionals, utilize state-of-the-art technologies, and deliver high-quality solutions while continuing to enhance my technical expertise.

## Internship Experience

### Techno Kryon, Chennai

#### Software Developer Trainee - Java - 4 months

- Designed, developed, tested, and maintained an invoice application using J2EE, Spring MVC, Velocity Engine, and iTextPDF.
- Delivered robust, high-performance code, participated in peer reviews, and managed comprehensive test cases. Integrated advanced functionalities, created automation solutions, and resolved incidents efficiently through clear communication.
- Showcased strong analytical skills in adopting and implementing emerging technologies.

## Projects

### Astro Tour - Japan Application - Adhiran Infotech, Chennai

- Tools:** Java, Spring Boot, Spring security (JWT, OAuth), JavaMail Sender, Swagger UI, Amazon EC2
- TourMate is a travel management application with secure authentication using JWT and BCrypt.
- It offers comprehensive features for managing tourist places, hotels, restaurants, and food recommendations, with user-friendly pagination and sorting.
- The application includes email notifications for registration and password recovery. The code meets high performance standards and showcases adaptability to diverse project requirements.

### Back2U Document Retrieval Platform - Adhiran Infotech, Chennai

- Tools:** Java, Spring Boot, Spring security (JWT, OAuth), JavaMail Sender, Swagger UI, Amazon S3, Stripe payment Integration
- Designed and implemented a document retrieval platform enabling secure document upload, search, and download for users.
- Integrated AWS S3 for scalable storage with pre-signed URL functionality for secure document access.
- Developed user subscription plans and implemented Stripe Payment Gateway for seamless transactions.

## Educational Background

### B.E CSE - Computer Science and Engineering

Muthayammal Engineering College (Autonomous), Rasipuram  
2020-2024 | **CGPA: 8.7** | Full-time education

## Certification & Achievements

- Java and SQL - **Hacker Rank**
- Spring Boot for Beginners - **Amigo's Code**
- SPCON Project Idea Submission - **Third Prize**
- Consensus Academy - **Java Top Performer**

## Contact and Address

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## Social Links

- LinkedIn:** jayasurya009
- Portfolio:** jayasurya-portfolio
- GitHub:** AutoDictate

## Skills

### Programming Languages / Frameworks

- Java SE
- Object Oriented Programming - OOPS
- Data Structures and Algorithms
- Spring Boot
- Spring Security (JWT, OAuth)
- Spring Cloud
- Spring Microservices (Familiar)
- Restful Web Services
- Unit Testing

### Databases

- MySQL
- PostgreSQL

### Tools/Software

- Git, Bitbucket and GitHub
- IntelliJ, Spring Tools Suite, Eclipse
- Visual Studio Code
- Postman API, Swagger UI
- JUnit, Mockito
- Jira, Azure devops

### Languages

- English - Proficient
- Tamil - Fluent

## Soft Skills

- Teamwork and Collaboration
- Problem-solving
- Good Verbal and Communication
- Adaptability