

AAKASH

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🌐 Aakash

📁 Portfolio

PROFESSIONAL PROFILE

Enthusiastic and detail-oriented recent graduate with a solid understanding of **Java programming and Spring Boot** development. I bring a strong foundation in object-oriented principles and a passion for learning new technologies. With a proactive mindset and a commitment to delivering high-quality solutions.

TECHNICAL SKILL

- **Programming Languages :** Java, C/C++ Basics
- **Frameworks :** Spring, Spring Boot, Spring Security, Spring JPA, Hibernate, Thymeleaf
- **Web Technologies :** HTML, CSS, Bootstrap
- **Database :** MySQL, PostgreSQL
- **Familiar With :** DSA, OOPs, REST API, Swagger, Jwt Authentication, Twilio, AI
- **Soft Skills :** Communication Skill, Time Management, Adaptability, Teamwork and Collaboration

Work Experience

Backend Developer Intern

Workfall, Remote

July 2024 – September 2024

- Developed and maintained RESTful APIs using Java, Spring Boot, and PostgreSQL, enhancing data access efficiency by 15%. Used Native Queries according to requirements.
- Implemented JWT-based authentication and role-based access control to secure application endpoints.
- Implemented Search and Filter with Pagination for better Analysis. Also used Twilio for Notifications.
- Managed multiple projects and increased efficiency by 20%. and Used Swagger for API Testing.
- Automated database queries and optimized existing SQL scripts, reducing query execution time by 25%.
- Participated in code reviews and improved the code quality through refactoring and debugging.
- Gained hands-on experience with version control systems like Git and continuous integration tools.

Skills: Java, Spring Boot, Spring Security, PostgreSQL, JWT, Git, REST APIs, SQL, Swagger, Twilio

PROJECTS

IRCTC Railway Management System

- **Description :** Developed a comprehensive railway reservation system for IRCTC, enabling users to search, book, and manage train tickets. The system supported real-time seat availability checks, ticket booking, and transaction processing.
- **Technologies Used :** Java, Spring Boot, Spring Security, PostgreSQL, MongoDB Atlas, Jwt Authentication, RESTful APIs, Search and Filter with Pagination, Role based Access, Swagger for API Testing, Native Queries and Criteria Builder for JPA.

Banking Management System

- **Description :** Developed a comprehensive Banking Management System to manage customer accounts, transactions, loans and loan payments. The system includes features for user authentication, account management, transaction history, and loan tracking.
- **Technologies Used :** Java, Spring Boot, Spring Security, PostgreSQL, MongoDB Atlas, Jwt Authentication, RESTful APIs, Search and Filter with Pagination, Role based Access, Swagger for API Testing, Native Queries and Criteria Builder for JPA.

EDUCATION

MASTER OF COMPUTER APPLICATION

Central University of Haryana, Mahendragarh

2022-2024

Aggregate Percentage : 78%

BACHELOR OF COMPUTER APPLICATIONS

Fairfield Institute of Management and Technology Affiliated to IPU

2019-2022

Aggregate Percentage : 89%

CERTIFICATES

- Java With IBM DB2 by Skillssoft
- Spring and Spring Boot by Infosys Springboard
- Javascript by Udemy