

# Rudra Pratap Singh

Junior Consultant

Email : [rc195131@gmail.com](mailto:rc195131@gmail.com)

Phone No. : +91-95554-14404

GitHub : [rudrapratapsingh](#)

LinkedIn : [rudra-pratap-singh](#)

---

## Objective

- Dedicated and results-driven Junior Consultant with 1 year of experience in software development, specializing in Java Spring Boot, Angular, Oracle, and TypeScript. Proven ability to work effectively in fast-paced environments, manage multiple projects simultaneously, and continuously enhance skills and knowledge in the IT industry.

---

## Professional Experience

### Junior Consultant | JIL IT Company

Dec 2023-Present

- Collaborated with project teams to analyze client requirements and design scalable and efficient solutions, while also developing and maintaining web applications utilizing Java Spring Boot and Angular frameworks.
- Designed and implemented RESTful APIs for seamless communication between frontend and backend systems, while also integrating Oracle databases for data storage and retrieval, ensuring data integrity and security.
- Participated in all phases of the software development lifecycle, including requirements gathering, design, development, testing, deployment, and maintenance, while also providing technical support and assistance to team members and clients, resolving issues, and ensuring smooth project execution. Additionally, contributed to the documentation of project specifications, user manuals, and technical guides.

### Trainee | JIL IT Company

Dec 2022-Dec 2023

- Completed a comprehensive training program covering various technologies and frameworks, participating in hands-on projects to gain practical experience in software development methodologies, and acquiring knowledge and skills in Java, Spring Boot, Angular, Oracle, and TypeScript.
- Developed RESTful APIs using Spring Boot, adhering to best practices and industry standards for robustness and maintainability, while also implementing database schemas, queries, and data access layers to ensure seamless integration with the application.
- Participated in code reviews, providing valuable feedback to peers and contributing to code quality improvements, while also resolving bugs and issues identified during testing and user acceptance phases.

---

## Certifications | Internships

### Geekster

Feb 2022

- Achieved expertise in Data Structures and Algorithms (DSA) through the successful completion of over 300 coding questions on the Geekster platform. Demonstrated coding proficiency by actively participating in coding contests hosted by Geekster. Additionally, developed functional APIs including Hotel Management, University Event Management, and Chat Application during project work, showcasing practical application of programming skills in real-world scenarios.
- Proficient in technical skills such as **Java, Spring Boot, Hibernate, Rest APIs, AWS-EC2 and SQL.**
- Completed certification programs in [SQL](#) and [Git](#) organized by Geekster, demonstrating a commitment to continuous learning and professional development.

---

## Projects

### Noida Golf Course

- Designed and developed a management system for Noida Golf Course, enabling administrators to manage memberships, tee times, and bookings Slots. The application supports two types of users - admins and normal users. The project uses the MVC architecture pattern, which makes the code more readable, modular, and less complex.
- Key Features: Utilized Java Spring Boot and Angular to develop a responsive and user-friendly interface, seamlessly integrated with an MySQL database for efficient storage and retrieval of course-related data.
- Tech Stack: **Java, Spring Boot, Angular, Typescript, MVC Architecture, MySQL, TFS, Jira.**

### Employee Portal

- Developed a web-based employee portal for internal use, empowering employees to efficiently manage their profiles, submit leave requests, and maintain attendance records, enhancing overall organizational productivity and efficiency. The application supports two types of users - admins and normal users. The project uses the MVC architecture pattern, which makes the code more readable, modular, and less complex.
- Key Features: Implemented authentication and authorization mechanisms to ensure data security and privacy, while utilizing Java Spring Boot for backend development and Angular for frontend development. Additionally, integrated Oracle database for data storage and retrieval.
- Tech Stack: **Java, Spring Boot, Angular, Typescript, MVC Architecture, Oracle, TFS, Jira.**

## CLX Counseling

- Collaborated with a team to develop a counseling platform for IIIT University students. The application supports two types of users - admins and normal users. .
- **Key Features:** Implemented features for appointment scheduling, counselor allocation, and session management, while seamlessly integrating with an Oracle database for storing and managing student and counselor information, ensuring efficient counseling services within the platform.
- **Tech Stack:** **Java, Spring Boot, Angular, Typescript, MVC Architecture, Oracle, TFS, Jira.**

## Student Portal

- Developed a student portal for educational institutions, allowing students to access academic resources, course materials, and grades for students enhancing their educational experience and facilitating efficient communication with faculty members. The application supports two types of users - admins and normal users. The project uses the MVC architecture pattern.
- **Key Features:** Designed an intuitive user interface using Angular and implemented features for student registration, course enrollment, and assignment submission, while seamlessly integrating with an Oracle database to securely store and manage student information.
- **Tech Stack:** **Java, Spring Boot, Angular, Typescript, MVC Architecture, Oracle, TFS, Jira.**

---

## Personal Projects

### Food Delivery [[Github Link](#)]

- Food Delivery REST API is a web service that allows users to manage their order by performing operations such as creating, updating, retrieving, and deleting orders. The application supports two types of users - admins and normal users. The project uses the MVC architecture pattern, which makes the code more readable, modular, and less complex.
- **Key Features:** Implemented security measures, including validations, to ensure application safety. Enabled admins to perform CRUD operations on foods while normal users can create orders to their Food Items. JPA with Hibernate to connect to a MySQL database, enabling seamless data interaction. Deployed the application on AWS EC2 for high performance and scalability.
- **Tech Stack:** **Java, Spring Boot, MVC Architecture, MySQL, AWS EC2, Git version control.**

### Music Streaming API [[Github Link](#)]

- Music Streaming API is a modern and efficient solution built on top of the Spring Boot framework, utilizing the Model-View-Controller (MVC) architecture to manage users and their songs. With features such as user authentication and allows the user to manage their songs and playlists, this API provides endpoints for CRUD operations on songs and playlists, with additional features for Admin. Spring Boot offers a comprehensive set of tools and libraries that simplify the creation of REST APIs, enabling the API to handle various types of requests and responses with ease.
- **Key Features:** Music Streaming Application API built on the Spring Boot framework boasts key features such as user authentication and authorization mechanisms. Allow users to create profiles, customize preferences, and maintain playlists for a personalized experience. CRUD operations to manage users information.
- **Tech Stack:** **Java, Spring Boot, MVC Architecture, MySQL, AWS EC2, Git version control.**

---

## Skills

- **Computer Language :** Java, SQL, C Programming, HTML, CSS, Javascript and Typescript.
- **Frameworks / Libraries :** Spring Boot, Hibernate, Angular.
- **Additional Courses :** Data Structure and Algorithms, OOP's.
- **Tools & Technologies :** Git, IntelliJ IDEA, STS, VS Code, Eclipse, Postman, Swagger, AWS EC-2.

---

## Education

Year	Degree/Examination	Institution	University/Board
2022	B.Tech in Computer Science and Engineering	MG Institute Of Management And Technology, Lucknow	AKTU
2018	Intermediate	Dabble Public School	CBSE
2016	High School	Dabble Public School	CBSE

---

## Achievements and Co-Curricular Activities

- Secured 13th rank in Geekster's July22 Beta Java DSA Class challenge on [Hacker Rank](#) in July 2022.
- Event Coordinator at Lucknow. It was a tech event organized by the MG Institute of Management & Technology for Advanced Studies & Research College.