Saurav Kumar

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Internships

Geekster
- Achieved expertise in DSA by successfully solving over 300 coding questions on the Geekster platform.
- Demonstrated coding skills by actively participating in various coding contests organized by the Geekster platform.
- Developed functional APIs such as Instagram Backend App , Hospital Management System.
- Proficient in technical skills such as **Java, Spring Boot, Hibernate, Rest APIs, AWS-EC2 and MySQL.**

Projects

Instagram Backend App [*Github Link*]
- This is a Java and Spring Boot based Instagram Backend Application. Designed using MVC architecture to Manage Register User , Signup, Sign In , Sign Out and like , Dislike , follow , Unfollow Information . The Spring Boot framework is a popular choice for building RESTful web services due to its ease of use, robustness, and scalability.
- Key Features**:** Implemented security measures, including validations, to ensure application safety. Enabled Register User to perform CRUD operations on their Account .Leveraged 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**

Hospital Management System [*Github Link*]
- This Application API is a modern and efficient solution built on top of the Spring Boot framework, utilizing the Model-View-Controller (MVC) architecture to facilitate the management of patient and doctor data appointments in the healthcare System. Some features such as Patient authentication , patients can book appointments with doctors. 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: Key features such as Patients authentication, Patients can book appointments with doctors. Patients can do CRUD operations on Their account. Mapping Efficient and scalable backend system. This application showcases my ability to design and develop modern and efficient applications using best practices. It is designed to manage a large amount of doctors and patients appointments information and mapping relationships.
- Tech Stack: **Java, Spring Boot,MVC Architecture, MySQL, Git.**

Skills

- **Computer Language** : Java, MySQL
- **Frameworks / Libraries** : Spring Boot, Hibernate
- **Additional Courses** : Data Structure and Algorithms, OOPs
- **Tools & Technologies** : Git, IntelliJ IDEA, Postman, AWS EC-2, VS Code

Education

Year	Degree/Examination	Institution/ Board	Percentage/CGPA
2022	B.Tech	RGPV, Bhopal	7.78
2014	Diploma	RGPV, Bhopal	6.99
2013	10th	BSEB	69 %

Achievements and Co-Curricular Activities

- Secured 7th Rank on Geester Platform