Jamshid Khaliq

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Certifications | Internships

Geekster | Geekster Coding Bootcamp
- Solved 200+ DSA/Coding questions on the Geekster platform
- Participated in various Coding contests organised by the platform.
- Worked on various projects like **Job Search App and Recipe Sharing App**
- Technical Stack Learned**: Java, Spring Boot, Hibernate, Rest APIs, AWS-EC2** and **SQL.**

JAVA Programming | IIT Kharagpur (NPTEL)   Jan/2022 – Jun/2022
- Solved 300+ coding questions in Java throughout the course.
- Participated in final coding test organised by IIT Kharagpur
- Achieved Silver Elite Certification.
- Worked on a project like **Quiz App.**
- Technical Stack Learned: **Core Java, OOP concepts,** and **Java APIs**

Professional Experiences

CHEGG pvt ltd   Jan/2022 - Current
Subject Expert in Computer Science (Freelancer)
- Solved Questions and queries of more than 2000 students on the platform.
- Received 4.5-star ratings on the platform.
- 1500 plus positive reviews from the student side.

Course Hero   Mar/2023 – current
Subject Expert in Java Programming (Freelancer)
- Solved Questions of at least 200-300 students on the platform.
- Received 100% of helpful ratings on the platform.

Projects

Doctor Appointment Booking App [*Github Link*]

- Built a robust RESTful web service using the Spring Boot framework in Java, allowing patients to seamlessly manage their appointments through operations like booking, retrieving, and cancelling appointments.
- **Key Features:**
  Security Measures: Implemented secure signup, signout, and login functionalities. Employed Spring Boot validations for enhanced application safety.
  Patient Operations: Patients can perform CRUD operations on their details and appointments.
  Data Interaction: Leveraged JPA with Hibernate for seamless connectivity to a MySQL database.
- **Tech Stack Used:**
  Core Technologies: Core Java, Object-Oriented Programming Principles (OOPS)
  Spring Ecosystem: Spring Boot (spring-boot-starter-web), Spring Data JPA, Spring Boot Validation
  Additional Tools: Swagger for API documentation, Lombok for simplified code, MySQL (Database)

Recipe Sharing App   [*Github Link*]

- The Recipe Management System is a robust and secure Java-based web application designed to empower users in managing their recipes effectively. Leveraging the Spring Framework, the application provides a set of RESTful API endpoints for seamless creation, updating, retrieval, and deletion of recipes. Additionally, users can express their sentiments through comments, enhancing the overall engagement and user experience.
- **Key Features:** Security Implementation:
  Implemented stringent security measures, including comprehensive validations, to fortify the application against potential vulnerabilities, ensuring data integrity and user safety.
  User-centric Operations:
  Enabled registered users to perform essential CRUD (Create, Read, Update, Delete) operations on recipes, empowering them to maintain a personalized and dynamic recipe collection.
  Data Interaction with JPA and Hibernate:
  Leveraged the Java Persistence API (JPA) in conjunction with Hibernate to establish a seamless connection with a MySQL database. This robust data interaction ensures efficient and reliable management of user accounts, recipes, and comments.
  AWS Deployment for Scalability:
  Deployed the application on AWS EC2, harnessing the power of cloud computing for high performance and scalability. This ensures that the application can adapt to varying workloads and user demands.

- **Tech stack used**: Java, Spring Boot, MVC Architecture, MySQL, AWS EC2, Git version control, Spring Boot Validation, Swagger, Lombok.

Skills

- **Computer Language**: Java, C++, C
- **Frameworks / Libraries**: Spring Boot, Hibernate, Microservices
- **Additional Courses**: Data Structure and Algorithms, SQL
- **Tools & Technologies** : Git, IntelliJ IDEA, Postman, Swagger, AWS EC-2, ChatGPT

Education

Year	Degree/Examination	Institution/ Board	CGPA/Percentage
2021	B. Tech	BGSBU	7.26 CGPA
2016	12th	JK BOSE	7.6 CGPA
2014	10th	JK BOSE	7.5 CGPA

Achievements and Co-Curricular Activities

- Secured 56 rank in Geekster's coding challenge June 2023
- Top performers among 180 students in the Java programming contest organised by IIT Kharagpur
- Received 5 stars on Hacker-Rank in the problem-solving assessment conducted by BGSBU.
- Event Coordinator, It was a tech event organised by the BGSBU Institute of Science & Technology for Advanced Studies & Research College.
- State-level football player (Secured third position in 2nd state Universities sports championship 2018)
- Member of Helping Hands of Valley NGO.
- Top-ranked in weekly tests with a 99% score in the IIT Kharagpur Java course.
- 83% Final Grade in the IIT Kharagpur Java course.
- Silver Elite Certification in Java Programming.