

Shishir Kumar Singh

Orlando, FL | +1 689-227-1811 | shishir47singh@gmail.com | github.com/shishir047 | shishirkrsingh.com

Software Engineer

With 3 years of software development experience, I specialize in Java, Spring Boot, RESTful APIs, and debugging. Successfully led the development of a scalable web application in 3 months, utilizing Java and Spring Boot, enhancing efficiency and user engagement through robust API design and secure features.

EDUCATION

University Of Central Florida

Master Of Science in Computer Science | Orlando, FL, USA | GPA: 3.7

Dr. A.P.J. Abdul Kalam Technical University

Bachelor Of Technology in Computer Science | Lucknow, Uttar Pradesh, India | GPA: 3.0

WORK EXPERIENCE

University of Central Florida | Orlando, FL

May 2024 - Aug 2024

GRA (Software Development)

- Led the development of a robust, scalable web application using Java and Spring Boot for employee engagement application.
- Developed and optimized REST APIs, enabling efficient data exchange and reducing latency.
- Implemented Spring Security to safeguard data, ensure robust compliance, and enhance application security
- Skills Utilized: Java, Spring Boot, RESTful API, Postman, SQL, Spring JPA, Hibernate, Spring Security, Debugging, Docker

Florida Solar Energy Center | Cocoa, FL

Sep 2023 - May 2024

GRA (Software Development)

- Enhanced Building Energy code compliance software to achieve 2023 Florida Building Commission standards within 4 months using Java and SQLite.
- Designed a database with 250,000+ records, ensuring 99.5% data accuracy for efficient and reliable operations.
- Produced 50+ monthly reports and customized 30+ energy modeling reports using Java for precise data analysis.
- Skills Utilized: Java, SQLite, iText, Data Structure and Algorithms

Sopra Steria | Noida, India

Aug 2019 - Jul 2021

Software Engineer

- Developed and delivered 2 projects using Java, Spring Boot, and AWS, consistently meeting 100% requirements on time.
- Implemented secure authentication and authorization using spring security, ensuring data protection and compliance.
- Reduced latency by 25% through the development and optimization of RESTful APIs within 6 months.
- Utilized JUnit and Mockito for unit testing, contributing to robust application development performing quality assurance.
- Skills Utilized: Java, Spring Boot, Postman, AWS, Docker, JUnit, Mockito, Swagger, Spring Security, RESTful API Development, IntelliJ IDEA, SVN, Maven, Jira

PROJECTS

Seat Availability at MyUCF

Jan 2023

Created a bot for the MyUCF portal that continuously checks course availability, notifying students via email when a seat is open and assists over 30 students in enrolling in desired courses. <https://github.com/shishir047/CheckSeatAvailability-myUCF>

E-Commerce Application

Jan 2024

Built a feature-rich e-commerce website using Java and Spring Boot. The project includes a robust backend, optimized REST APIs, and scalable architecture for seamless user experience. <https://github.com/shishir047/springboot-e-commerce>

LeetCode - GitHub Sync

Jul 2024

The project designed to seamlessly integrate and synchronize users' LeetCode solutions to a dedicated GitHub repository using cookies. This integration ensures an organized and systematic collection of coding solutions, enhancing portfolio showcasing.

<https://github.com/shishir047/Leetcode-Github-Sync-Chrome-Extension>

SKILLS

Skills and Languages: Java, HTML, CSS, XML, Data Structure and Algorithms, Debugging Frameworks and

Databases: Spring, Spring Boot, Hibernate, Bootstrap, MySQL, SQLite

Libraries and Tools: Maven, Gradle, Postman, Jira, SVN, Git, Docker, AWS, Agile, VS Code, IntelliJ Idea, Linux

Soft Skill: Versatile, Enthusiastic, Leadership Qualities