

GAURAV KUMAR SINGH

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PROFESSIONAL SUMMARY

Certified Java Professional with 6 months internship experience, Diligent and highly motivated recent graduate with a Bachelor's degree and a strong foundation in **Java, HTML, CSS, Spring Boot, and J2EE** technologies. Possessing a solid academic background and hands-on experience in the **Airline Reservation System**, I am eager to contribute my skills to a dynamic team in a professional setting. My dedication to detail-oriented problem-solving and commitment to continuous learning is reflected in my academic achievements and project work.

SKILLS AND ACCOMPLISHMENTS

- **Core Java:** Strong grasp of object-oriented programming, data structures, and algorithms.
- **Advanced Java:** Knowledge of multithreading, collections, JDBC, and serialization.
- **Java Frameworks:** Familiarity with Spring Boot and Hibernate.
- **Database:** Proficient in SQL queries, database design, Oracle, and MySQL integration.
- **Web Development:** Understanding of HTML, CSS, JavaScript, and React.
- **Agile Methodology:** Experience with Scrum, Jira, and Agile development.
- **Version Control:** Knowledgeable in Git for code management and collaboration.
- **Testing & Debugging:** Skilled in unit testing, debugging, and code quality.
- **Problem Solving:** Strong analytical skills for resolving complex technical challenges.
- **Communication:** Effective collaboration and communication with teams, stakeholders, and clients.
- **Continuous Learning:** Proactively staying updated with emerging technologies and industry trends.

WORK EXPERIENCE

JAVA DEVELOPER

(05/2022) – (06/2022)

Project1 | Airline Reservation System

As part of my academic coursework, I actively participated in the development of an airline reservation system, a web-based application designed to streamline the booking process for travelers while optimizing airline operations. Leveraged Java programming skills with a 90% competence level to develop the backend logic for flight data management, seat allocation, and payment processing.

Responsibilities:

- Applying Java programming skills with a proficiency level of 90% to develop and maintain the backend logic of the reservation system, ensuring efficient data processing and system reliability.
- Collaborating with senior developers to design and implement algorithms with a competence level of 80% for seat allocation, pricing calculations, and flight scheduling.
- Utilized HTML, CSS, and JavaScript, achieving an 85% competence level, to create an intuitive and visually appealing user interface for travelers.
- Actively engaged in system testing with an 85% proficiency level, identifying and resolving issues to ensure system integrity.

- Maintained comprehensive technical documentation with a 90% competence level, including system design, user manuals, and technical specifications, contributing to project transparency.
- Managed project timelines with an 80% competence level, consistently meeting deadlines and contributing to project success.
- Improved software quality by decreasing post-release defects by 20% through close collaboration with QA teams.

JAVA DEVELOPER

(03/2022) – (04/2022)

Project2 | word based text bank in java

(03/2022) – (04/2022)

As an aspiring Java developer with a strong foundation in programming, I actively contributed to the development and maintenance of a Java-based text bank application. In this role, my responsibilities included. The Word-Based Text Bank serves as a powerful tool in the digital age, addressing the challenges of information overload and content management.

Responsibilities:

- Spearheaded the development process by architecting and coding critical system components, achieving a 90% competence level in Java programming.
- Proficiently utilized Git (85% Competence) for version control, maintaining codebase integrity and facilitating collaborative development efforts.
- Designed and implemented secure APIs for seamless communication between the application and the Trustly Payment Solution, ensuring data privacy and protection.
- Conducted thorough testing and debugging to identify and resolve issues, resulting in a stable and reliable system.
- Actively participated in code reviews, providing valuable feedback to improve code quality and maintain best practices in java development.

EDUCATION

B.E (Bachelor of Engineering)

Graduation Year (2023)

Bangalore Institute of Technology, Karnataka

CERTIFICATIONS

- Data Visualization : Empowering Business with Effective Insights
- Java programmer
- Basic programming