

Varun Gupta

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Summary

Highly skilled and results-driven Engineer with extensive experience in developing and maintaining robust Java-based web applications. Proficient in Spring Boot, Hibernate, JavaScript and SQL, with a proven track record of designing and implementing RESTful APIs. Contributed to projects resulting in significant increase in operational efficiency through 100+ CRUD Operations, 50+ APIs and automated deployments. Demonstrates good problem-solving abilities, leadership, and a commitment to continuous learning,

Education

Dr. A.P.J. Abdul Kalam Technical University , Bachelor of Technology in Computer Science and Engineering Jul 2019 – Apr 2023

- CGPA: 7.6/10

M.T.M.H.S.S, Intermediate ISC - Science Apr 2018 – Apr 2019

- Percent: 84%

Experience

Analyst, HireGenics (Client- Oracle) July 2024 – Present

- Contributed to solution design by analyzing existing workflows and identifying inefficiencies, recommending improvements that enhanced system performance by 20%.
- Authored and maintained technical documentation to ensure clarity in design, architecture, and functionality, supporting ongoing development and maintenance.
- Participated in User Acceptance Testing, ensuring that the product functions as intended and meets stakeholder expectations.

Software Engineer, Nucleus Software – Noida, India Oct 2022 – June 2024

- Contributed to FinnOne Neo LMS, a standalone module from the award-winning FinnOne Neo lending solution, by understanding user stories, writing and studying code, and performing unit testing within defined 1-month sprint or GA cycles.
- Developed and maintained robust Java-based web applications and features using frameworks such as Spring Boot, Hibernate, Microservices, and Servlets, ensuring high performance and reliability.
- Designed and implemented RESTful APIs to facilitate seamless integration and communication with other systems, enhancing interoperability and data exchange.
- Resolved 100+ bugs during UAT, significantly optimizing overall system performance and user satisfaction.
- Actively participated in deploying applications using Oracle Web-Logic and Docker, ensuring smooth and efficient deployment processes.

Skills

Technical: Java, JavaScript, C + +, SpringBoot, Hibernate, SQL, Microservices , Rest-API, JDBC, Docker, Azure, ReactJS, NoSQL, jQuery, Microservices

Tools: Unit Testing, Object Oriented Programming, Data Structures, Algorithms, Agile Methodologies, Software Development, DBMS

Software: Jira, GitLab, IntelliJ, Postman, Swagger, Maven, Squash, Visual Studio, SonarQube, MS Excel

Projects

Examination Portal

- Developed a comprehensive examination portal designed to cater to both students and teachers. The portal includes functionalities such as exam creation by administrators, result viewing, and exam-taking for students.
- Implemented various validation checks, including tab switch prevention during exams, session validation and timer to maintain the integrity.
- Developed modules for data conversion to PDF/Excel and role based authorization enhancing access and readability.

Invoice Extractor

- Created a utility tool designed to extract invoice information from PDF documents, store the extracted data in a database, and perform various CRUD operations on the dataset.
- Utilized PDFBox to parse and extract relevant invoice details such as invoice number, date, amount, and vendor information.
- Launched 20+ RESTful APIs to facilitate interaction with the database, allowing for seamless data retrieval and manipulation.
- Implemented features to perform operations on the extracted dataset, such as generating reports, tracking payments, and analyzing invoice trends.

Achievements

Won Nucleus Tech-Hackathon, competing against 20 teams. Served as the team lead, demonstrating leadership skills, teamwork, and technical expertise.

Received Spot Award in March 2024 for exceptional performance in the Core GA Cycle.

Cleared Microsoft AZ-900 certification, showcasing foundational knowledge in Azure cloud services.

Completed Elements of AI certification from the University of Helsinki, covering AI basics and applications.

Winner of C-Mania, demonstrating C programming and problem-solving skills.