Varun Gupta

India | varun2001guptaa@gmail.com | +91-7705904898 | github.com/varun-lang

linkedin.com/in/varun-gupta

Summary

Highly skilled and results-driven Software 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, 30+ 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   Sept 2019 – May 2023

- CGPA: 7.6/10

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

- Percentage: 84

Experience

Software Engineer, Nucleus Software – Noida, India   Oct 2022 – July 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 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.
- Reported and resolved over 100 bugs during User Acceptance Testing (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.

Data Science, Intern, Sparks Foundation   May 2022 – Sep 2022

- Conducted extensive EDA on large datasets using Python and libraries like Pandas, NumPy, and Matplotlib. This involved cleaning and preprocessing data, identifying patterns, and uncovering insights to inform decision-making processes.
- Designed and developed data visualization dashboards using BI and MS Excel.

Projects

Examination Portal   January - 2024

- 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 to maintain the integrity.
- Developed modules for data conversion to PDF/Excel, enhancing access and readability.

Invoice Extractor   April - 2024

- 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.

Skills

Technical: Java, JavaScript, C++, SpringBoot, Hibernate, SQL, Microservices , Rest-API, JDBC,, Docker, Azure, Postgres, Spring MVC, 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