

# Randhir Singh



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randhirsingh27.github.io

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## Objective

Dedicated Software Engineer with a strong background in Java, Spring Framework, and web development. Committed to delivering high-quality software solutions and optimizing code for performance. Seeking opportunities to contribute to innovative projects and further develop my skills.

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## Professional Experience

- **Boeing**

*Software Engineer I*

**Bangalore, India**

*July 2023 – Present*

- Collaborated with clients to gather requirements and analyzed upcoming projects.
  - Utilized Java and the Spring Framework to develop and maintain high-performance software solutions.
  - Proficiently implemented the Apache POI library to parse and manipulate data in Excel files, reducing report generation time by 30
  - Optimized legacy code, resulting in a 20
  - Integrated MATLAB code into Java applications, enhancing data analysis capabilities.
  - Developed interactive dashboards for sales data analysis, improving sales forecasting accuracy by 25
  - Implemented an inventory management system that reduced stockouts by 15
  - Collaborated with the development team using Git for version control.
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## Projects

- **Emission Reporter**

**Jan'21 – Present**

- \* Leveraged Spring MVC, MYSQL for database, and React Js to design and implement an emission reporting system.
- \* Led the development of template generation logic for newly added authorities (UKETS and CHETS).
- \* Achieved 90
- \* Identified and resolved critical bugs that emerged during unit testing and CI pipelines.
- \* Provided production support and assisted customers in submitting emission reports.

- \* **Fuel Dashboard**

**Aug'20 – Present**

- Utilized Spring MVC, MYSQL for database, and React Js to improve project efficiency.
  - Implemented several calculator logics to enhance the projects.
  - Developed unit tests, significantly increasing code coverage for previously released products.
  - Successfully addressed and resolved various bugs and issues identified during unit testing and CI pipeline processes.
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## Skills

- **Languages:** Java, JavaScript, SQL
  - **Frameworks:** Spring Framework, Spring Boot, React
  - **Technologies:** Web APIs, REST, JSON, Git, Swagger API, Async API, Multithreading
  - **Tools:** Git, Jira, Postman, Bitbucket, Azure DevOps, Visual Studio, IntelliJ IDEA
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## Achievements

- Attained LeetCode rank 1,470,628.
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## Certifications

- *Azure Fundamentals* *2022*
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## Languages

- *Hindi, English*
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## Education

- *Diploma in Advanced Computing from CDAC (Percentage: 70%)* *August 2019 – Feb 2020*
- *B.Tech in Mechanical Engineering (Percentage: 80%)* *August 2015 – May 2019*