

# Rajan Dhiman

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## Profile

Innovative software engineer driven by curiosity and code, building scalable, secure solutions at the intersection of Java, AI, and cloud to drive transformative technology.

## Skills and Technologies

**Languages:** C/C++, Java, Python, SQL, JavaScript, TypeScript

**Backend & Frameworks:** REST APIs, Jakarta EE, Spring Boot, React, NextJS, NodeJS, ExpressJS, Microservices

**Cloud & DevOps:** AWS, Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins), Git, Jira

**Databases:** MySQL, PL/SQL, PostgreSQL, MongoDB, Oracle DB, Redis

## Work Experience

### Oracle

July 2024 – Present

Hyderabad

#### Software Engineer

- Improved backend scalability, reliability, and runtime performance by 10% by engineering optimized Java microservices and SQL data access for growing production traffic..
- Automated secure exports in a multi-tenant DB by developing a tokenized backend export system, eliminating manual data handling and making file generation 2× faster.
- Strengthened authentication security and compliance by migrating legacy identity provider flows to OAuth 2.0 using Oracle IAM, improving access governance.
- Enhanced API onboarding by delivering the API Accounts User Module end-to-end — building REST APIs, Oracle JET UI upgrades, and automated notification workflows.
- Reduced query execution time and API latency by optimizing SQL and refactoring backend logic, APIs, reducing average response times by 20-25%.
- Integrated features into CI/CD pipelines, increasing deployment consistency and reducing release issues by 20%.

### Oracle

Jan 2024 – June 2024

Hyderabad

#### Software Engineer Intern

- Developed an ER data mapping framework by performing Python-based data analysis on Oracle SQL product schemas, improving data relationships visibility by 30% and accelerating cross-module integration workflows.
- Improved UI components with OracleJET, reducing user interaction friction and UI inconsistencies by 25%.
- Collaborated with cross-functional teams to deliver features in an Agile environment.

### InfoEdge (Naukri.com)

May 2023 – Jul 2023

Noida

#### BI Analyst Intern | Tech: Python, SQL, Tableau, Apache Zeppelin, Amazon S3

- Built Python + SQL-based usage drop detection system, enabling 20% lower churn risk through proactive retention.
- Created Tableau dashboards for engagement analytics, 30% faster data-driven decisions for business teams.

## Projects

### Klean: Garbage Tracking WebApp

GitHub

*React, Node.js, Express.js, MongoDB, Geolocation APIs*

- Built a MERN-based application to report garbage dumps and geotagged images with 95% location accuracy.
- Engineered scalable RESTful APIs using Java and MongoDB, ensuring reliable high-throughput and data storage.

## Education

### National Institute of Technology, Jalandhar

Sep 2020 – Jun 2024

CGPA: 7.78/10

*B.Tech – Computer Science and Engineering*

## Certifications & Achievements

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

[View Certificate](#)

- Solved 1000+ algorithmic problems across LeetCode, Codeforces and CodeChef.

- FIDE-rated National Chess Player (1597)**, reflecting strong pattern recognition and decision making abilities.