

# Divij Jaswal

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## EDUCATION

### IIT (ISM) Dhanbad

B.Tech in Computer Science and Engineering | CGPA : 7.43

Jharkhand, India

June 2020 – June 2024

### Kendriya Vidyalaya Masjid Moth, Sadiq Nagar

Intermediate in PCM + CS | Grade : 97%

New Delhi, India

April 2018 – May 2020

## EXPERIENCE

### Oracle | Member of Technical Staff II

Sep 2025 - Present | Bangalore, India

- Delivered OneView and Partner API workflows across usage analytics, log access, control-plane patching, tenancy validation, and operator safety, improving service visibility and operational controls.
- Led dependency and platform remediation across Java upgrades, BOMs, base images, Dropwizard, Jetty, Logback, Nimbus, and service upgrade tracks to reduce vulnerability and release risk.
- Improved production reliability by resolving operational alarms, work request failures, storage scale-up safety gaps, metadata-service remediation, and Jira Service Desk support workflows.
- Revamped API test automation, payload generation, resource coverage, mocking, and rollout validation to improve production-readiness for high-change service workflows.

### Oracle | Member of Technical Staff

June 2024 - Aug 2025 | Bangalore, India

- Built Partner API and ExaCS workflows for maintenance operations, network bonding flows, control-plane patch ingest, request log collection, tenancy whitelisting, and rollout enablement.
- Established OneView service and UI foundations for audit logs, notifications, capacity data, cloud provider metadata, database resource fields, and resource detail expansion.
- Automated OneView deployment testing for 124 APIs, cutting validation effort by 80% and improving release confidence across high-change service workflows.
- Improved reliability and supportability with TFA log collection, host log failure analysis, precheck failure categorization, backup/work-request fixes, and operational remediation.

### Oracle | SWE Project Intern

May 2023 - July 2023 | Remote, India

- Spearheaded the development of the Impact Statistics feature for various functionalities in OneView.
- Developed and deployed RESTful APIs, unlocking real-time user insights and optimizing product performance resulting in a 40% increase in user engagement and a 25% decrease in system response time.
- Contributed to both frontend and UI designs, ensuring a seamless and intuitive user experience.

## PROJECTS

### Ollama Research Agent | [View Source Code](#)

August 2025

- Developed a privacy-focused autonomous research assistant using locally hosted LLMs (Ollama) to automate iterative search, knowledge gap identification, and multi-source summarization.
- Integrated external web search APIs and modular LangGraph Studio interfaces to streamline comprehensive research automation and visualization.
- Tech stack: **Python, LangGraph, Ollama (for LLMs), Tavily API, Perplexity API**

## SKILLS

- Languages:** Java, Python, C++, C, JavaScript, TypeScript, SQL
- Backend:** REST APIs, Microservices, API Design, Dropwizard, Google Guice, Maven, Node.js, Express.js, Flask, EJS, MongoDB, JWT/Passport.js
- AI/ML & Data:** LangGraph, LangChain, Ollama, Hugging Face Transformers, PyTorch, TensorFlow/Keras, scikit-learn, spaCy, NLTK, NumPy, pandas, Jupyter Notebook
- Frontend:** React JS, Redux, React Router, Material UI, Monaco Editor, HTML, CSS, Bootstrap, Responsive Design
- Cloud/DevOps:** Oracle OCI, Kubernetes, Docker, Deployment Orchestration, Rollout Tooling, Bitbucket, Git/GitHub, CI/CD Pipelines, Production Deployments/Rollouts
- Testing/Ops/Security:** API Testing, Test Automation, Playwright, Postman, Production Support, Observability, Grafana, Jira, Jira Service Desk, Confluence, CVE Triage
- Databases/CS:** Oracle Database, MongoDB, MongoDB Atlas, PyMongo, Data Structures and Algorithms, OOP, Operating Systems, Computer Networks, DBMS

## ACHIEVEMENTS

- CodeChef March Long Challenge:** World Rank - 1 in CodeChef March long challenge One (Div 4)
- CodeChef Starters 29:** Rank - 13 in Codechef Starters 29(Div 4)
- Codeforces Round #788 (Div2):** Rank - 1951 in Codeforces Round 788

## POSITIONS OF RESPONSIBILITY

- Broke Bibliophiles Delhi:** Admin; arranged monthly themed book discussions and virtual book-of-the-month talks. Instagram: [instagram.com/brokebibliophilesdelhi](https://www.instagram.com/brokebibliophilesdelhi)
- Book Club:** Co-Coordinator at the book club of IIT (ISM); arranged monthly book discussions and organized an event during Srijan.
- Chess Club:** Executive at the chess club of IIT (ISM); organized chess competitions among club members.