

Abhishek Kumar Yadav

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in LinkedIn

GitHub

LeetCode

Portfolio

Professional Experience

• Cognizant Technology Solutions

09/2023 - Present

Programmer Analyst - Java, Spring Boot, Hibernate, Microservices, SQL Server, Azure, PlayWright

Noida, Uttar Pradesh

- Designed and implemented **RESTful APIs** with modular architecture ensuring reusable and scalable backend services.
- Built APIs for preferences management, contact details, and message history with comprehensive **CRUD operations** for admin functionality.
- Optimized API performance, achieving **30% improvement** in response times.
- Resolved production bugs and issues with **efficient troubleshooting**, ensuring continuous system uptime and stability.

• Cognizant Technology Solutions

03/2023 - 08/2023

Intern - Java, Spring Boot, Hibernate, MySQL, Microservices

Noida, Uttar Pradesh

- Developed a **discussion forum application** with features like **user signup/login**, password reset, posting questions, and submitting answers, secured with **JWT authentication**.
- Won the **GenC Super Squad award**.

Personal Projects

• edorbit | Java, Spring Boot, Hibernate, ReactJS, TypeScript, ThreeJS, HeroUI, GCP, Maven, SMTP

Live

To visualize the educational content with the help of 3D Objects.

- Built a **3D visualization platform** for complex diagrams using **Java, Spring Boot** with MySQL database, and React frontend with **ThreeJS/R3F** for rendering interactive 3D GLB models.
- Implemented comprehensive user management system featuring **role-based authentication**, JWT tokens, email verification, magic link login, reCAPTCHA security, and user interaction features including search, favorites, and analytics tracking.
- Configured **CI/CD pipelines** using **GitHub Actions** for automated deployment of frontend and backend services to **Google App Engine**.

• Bhraman | Java, XML, TensorFlow, Python, Firebase, Android Studio, Gradle

GitHub

An AR app showcasing Indian heritage with real-time 3D models.

- Built a **Java** backend with **Firebase integration** featuring user authentication, **search functionality**, profile management, and viewing history for 3D monuments.
- Implemented **TensorFlow-based CNN algorithm** for image scanning in machine learning model.

Technical Skills

Languages: Java, TypeScript, JavaScript, Python, HTML, YAML, XML, CSS

Backend: Spring Boot, Spring Core, Spring MVC, Spring Data JPA, Hibernate, Spring, Node.js, Redis

Frontend & Libraries: ReactJS, Tailwind CSS, Axios, Lombok, TensorFlow, Playwright, Rest Assured

Databases: MySQL, SQL Server, Firebase RT DB

DevOps & Tools: Git, GitHub, GitHub Actions, Docker, Maven, Gradle, JUnit, Swagger, Vite, Selenium

Cloud: Azure, Google Cloud Platform

Areas of Interest: Artificial Intelligence, Visualization Tools

Others: Multi-threading, Design Patterns, Low Level Design, High Level Design, Microservices, Agile, Kafka

Achievements

- Solved **200+ Data Structures and Algorithmic problems** on coding platforms such as **LeetCode** and **GFG**
- **Best Academic Project Award** (2019 - 2023) - SRMCEM
- Grand Finalist - Smart Indian Hackathon

Education

• Shri Ramswaroop Memorial College of Engineering and Management, Lucknow

2023

Bachelor of Technology - CSE

CGPA: **8.33**

• Hewett Polytechnic Lucknow

2019

Diploma in Information Technology

Percentage: **75%**