

DIVYANSHU SINGH CHOUHAN

Bhopal, Madhya Pradesh | yashh.exe@gmail.com | [PortFolio](#) | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Computer Science undergraduate specializing in Data Science with hands-on software development experience through an internship at Parabit Technology Pvt. Ltd. Proficient in Java, Python, Spring Boot, Object-Oriented Programming, and Data Structures & Algorithms, with 100+ LeetCode problems solved and participation in coding contests. Experienced in building desktop, web, and AI-powered applications using Java, Python, REST APIs, and modern development tools. Passionate about software engineering, AI-native development, and building scalable real-world solutions.

EDUCATION

B.Tech in Computer Science (Data Science)

2023 - 2027

Lakshmi Narain College of Technology Excellence , Bhopal

CGPA: 7.40/10

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Machine Learning

TECHNICAL SKILLS

Languages: Java, C++, SQL , Python

Frameworks & Technologies: Spring Boot, Java Swing, REST APIs, Flask (basics)

Frontend: HTML5, CSS3

Databases: MySQL,Sqlite

Tools & Platforms: Google Cloud Platform (GCP), Git, GitHub, IntelliJ IDEA, Apache NetBeans

Core Concepts: Data Structures & Algorithms, OOPS, Multi-threading, SDLC, Networking Fundamentals, AI/ML

AI & Generative AI: Prompt Engineering, LLM Applications, OpenAI, Gemini, Claude, LLaMA

PROFESSIONAL EXPERIENCE

Software Developer Intern | Parabit Technology Pvt. Ltd.

June 2025 - Present

Bhopal, India • Space Technology Domain

- Contributed to the software development of ShivChaitanya, a Deep Space Early Warning System focused on mission-to-mission alert communication.
- Developed Java Swing-based application modules and integrated SQLite databases using JDBC.
- Implemented Spring Boot authentication and authorization mechanisms for secure module access control.
- Worked on mission management workflows, astronaut registration processes, and operational dashboard features.
- Utilized Git-based version control and AI-assisted development tools throughout the software development lifecycle.

PROJECTS

Space Technology Project (ShivChaitanya)

June 2025 - Present

Technologies: Java Swing, Spring Boot, SQLite, JDBC, REST APIs, OOP, Git

- Contributed to the development of a software platform supporting a Deep Space Early Warning System for mission-to-mission radiation alert communication.
- Developed Mission Registration and Astronaut Registration modules with database integration, validation mechanisms, and workflow management.
- Implemented Spring Boot-based authentication and authorization features to control secure access to application modules.
- Built Java Swing dashboards for monitoring mission-related information, alerts, and operational data.
- Integrated SQLite databases using JDBC for efficient storage and retrieval of mission and astronaut records.
- Collaborated within a structured software development environment using Git version control and modular application design principles.

Personal Portfolio Website

2025

HTML5, CSS3 | divyanshusingh.tech

- Designed and deployed a responsive portfolio website showcasing projects, technical skills, certifications, and GitHub repositories.

ACHIEVEMENTS

- Solved 100+ Data Structures and Algorithms problems on LeetCode and participated in coding contests.
- Cleared the MeitY-NASSCOM FutureSkills Prime assessment (NSQF Level 5).
- Completed the Cisco CCNA learning path covering networking fundamentals, routing, switching, wireless technologies, and network automation.
- Earned certifications in AI, Data Science, Python, Cloud Computing, Cybersecurity, and Salesforce technologies.