

AMSIDHA BIRAJDAR

+91 9307888867 | birajdaramasidha2003@gmail.com | Pune, Maharashtra, India

LeetCode | LinkedIn | GitHub

PROFESSIONAL SUMMARY

I am a Software Engineer skilled in **Data Structures & Algorithms** and backend development, building scalable applications with **Python, FastAPI, Flask, and SQL**. I have solved over **240 DSA problems** on LeetCode and enjoy designing efficient solutions, optimizing systems, and delivering impactful software.

EDUCATION

B.Tech in Computer Science & Engineering	2025
SMSMPITR Akluj, Solapur University	CGPA: 9.56, First Class Honors
Higher Secondary Certificate (HSC)	2021
H.D. Jr. College, Solapur, State Board	80.6%

TECHNICAL SKILLS

Programming: Python, SQL, JavaScript

Web Technologies: HTML, CSS, Bootstrap, React.js (Basics)

Frameworks & Libraries: FastAPI, Django, Flask, Pandas, NumPy, Matplotlib, Seaborn

Databases: MySQL, PostgreSQL, Oracle SQL

DevOps & Deployment: Docker (Basics), Vercel, Netlify, Railway, Render

Tools: Git/GitHub, REST APIs, Postman, Power BI, VS Code, PyCharm

Core Concepts: DSA, OOPs, DBMS, OS Basics, Problem Solving

KEY PROJECTS

AI-Powered Career Counseling | *Python, Flask, MySQL, Bootstrap, Pandas* **Aug 2024 – Apr 2025**

- Built an AI-driven web application to guide students in choosing career paths based on aptitude and interests
- Developed automated aptitude assessments and a recommendation engine using data analytics
- Implemented backend modules for student profiles, test responses, and career recommendations
- Integrated an interactive chatbot for personalized career guidance

Titanic Survival Analysis | *Python, Pandas, NumPy, Matplotlib, Seaborn* **Oct 2024 – Dec 2024**

- Performed exploratory data analysis to identify survival trends and influencing factors
- Analyzed socio-economic variables using statistical visualizations
- Built predictive models to evaluate feature importance and extract insights

Swasthya HealthCare Solution | *HTML, CSS, JavaScript, Bootstrap, MySQL* **Mar 2024 – May 2024**

- Developed a web-based healthcare management system to manage patient records and appointments
- Implemented secure authentication and role-based access control
- Designed structured database workflows for efficient data storage and retrieval

PROBLEM SOLVING & DSA

- Solved **240+ DSA problems** on LeetCode
- Expertise in Arrays, Strings, Trees, Graphs, Dynamic Programming, Greedy, Sliding Window, Binary Search

CERTIFICATIONS & ACHIEVEMENTS

- NPTEL:** Python for Data Science (Elite)
- Published Research Paper:** JETIR Journal (2025)

ADDITIONAL INFORMATION

- Career Interests:** Software Development, Backend Engineering, Full Stack Development
- Soft Skills:** Analytical Thinking, Problem Solving, Team Collaboration, Adaptability