Anand Shukla

Computer Science-(Data Science) Undergraduate

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OBJECTIVE

Software Engineering undergraduate with hands-on backend experience in Python, Django, and Java, focused on building scalable and reliable systems. Strong in Data Structures and Algorithms.

EDUCATION

Pranveer Singh Institute of Technology Kanpur, 08/2023 – 07/2026
Bachelor Of Technology (CSE-Data Science), CGPA- 7.74

Government Polytechnic Kanpur 08/2020 – 07/2023
Diploma in Electronics Engineering, (79%)

SVM inter College, Kanpur, Highschool (87%) and Intermediate (79%) 07/2018 – 06/2020

SKILLS

Programming Languages:
Python, Java, C

Backend & Tools:
Django, REST APIs, Git, Postman

Development Tools:
VS Code, Eclipse, Jupyter Notebook

Problem Solving & CS Fundamentals
Data Structures & Algorithms (LeetCode, GeeksforGeeks, HackerRank), DBMS, OS, CN, Strong Mathematical & Analytical Skills

INTERNSHIP

Wyvate, Backend Developer Intern 01/2025 – 03/2025
- Designed and optimized 10+ RESTful APIs using Django, improving backend reliability and request handling.
- Performed unit, integration, and API testing to ensure stable backend releases and reduce production issues.
- Analyzed and tested 100+ test cases, ensuring software stability across platforms.
- Debugged and resolved 40+ backend issues, enhancing performance and overall system stability.

PROJECTS

CodeKaro - Competitive Programming Platform 09/2025 – Present
- Developing a full-stack coding platform featuring a custom in-browser IDE and automated problem judging.
- Engineering a secure Remote Code Execution (RCE) engine utilizing Docker sandboxing and Redis queues.

Brain Tumor Detection System, TensorFlow, Keras, VGG16 01/2025 – 09/2025
- Built a deep learning model using transfer learning (VGG16), fine-tuning final layers to classify MRI scans with 96% accuracy.
- Integrated the model with a Gradio-based web interface, enabling real-time brain tumor detection from user-uploaded MRI images.

Disease Prediction & Medicine Recommendation System 09/2024 – 12/2024
- Engineered a machine learning-driven disease prediction system using Python.
- Automated medicine recommendations to enhance treatment precision and efficiency.

ACHIEVEMENTS / CERTIFICATIONS

— Achieved **Knight badge on LeetCode**, ranked in the top ~10k globally, through consistent DSA problem solving.

— Participated in ICPC 2024, gaining hands-on experience in competitive programming, algorithmic thinking, and team-based problem solving.

Certifications — Certifications in Data Structures, Machine Learning, and Backend Development (Coursera, HackerRank).

HOBBIES & INTERESTS

Programming, Mentoring students in DSA, Reading books and Listening to Music.