Anand Shukla

Computer Science-(Data Science) Undergraduate

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OBJECTIVE

Aspiring Software Engineer with a strong foundation in Data Structures and Algorithms. Eager to apply analytical problem-solving skills and Core Java knowledge to build efficient software solutions for a dynamic engineering team.

EDUCATION

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

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

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

SKILLS

Programming Languages:
 Java, Python, C

Tools:
Eclipse, VSCode, Jupiter Notebook, Git, Postman

Strong Mathematical & Analytical Skills

Soft Skills:
Multitasking, strong work ethics, and effective communication

Problem Solving & Algorithmic Thinking:
Leetcode, Hackerrank, GeeksforGeeks

AI and Machine Learning

INTERNSHIP

Wyvate, Backend Developer Intern   01 january 2025 – 31 march 2025
- Engineered and optimized 10+ APIs using Django.
- Conducted unit testing, integration testing, and API testing to ensure system reliability.
- Analyzed and tested 100+ test cases, ensuring software stability across platforms.
- Identified and resolved 40+ critical bugs, improving system efficiency.

PROJECTS

Task Master Web Application   08/2025 – 10/2025
- Developed a full-stack application using Spring Boot and React with H2 Database for efficient task storage.
- Successfully deployed the live system on Render and Vercel, enabling users to create, update, and delete tasks online.

Brain Tumor Detection System   01/2025 – 09/2025
- Engineered a deep learning model using Transfer Learning with VGG16, fine-tuning the last layers to classify MRI scans with **96% accuracy**.
- Integrated the model with a Gradio web interface using TensorFlow and Keras, enabling real-time tumor detection from user uploads.

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 with a global rank of 11,600, by consistently solving Data Structures and Algorithms problems.

— Participated in ICPC 2024 (International Collegiate Programming Contest), gaining experience in algorithmic problem-solving and team-based coding challenges.

Certifications — Completed multiple certifications across diverse technical domains (Data Structures, Machine Learning, Web Development, etc.) from platforms like Coursera, HackerRank, and more. [Certificates]

HOBBIES & INTERESTS

Programming, Listening to Music, Reading Books and Mentoring Students.