# Anand Shukla

## Computer Science-(Data Science) Undergraduate

LinkedIn | GitHub | LeetCode | GeeksforGeeks | aananddshukla@gmail.com | Portfolio | 8726436068

### OBJECTIVE

Aspiring Software Engineer with a strong foundation in Data Structures and Algorithms. Eager to apply analytical problem-solving skills and programming 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:**
Python, Java, C

**Tools:**
VSCode, Jupiter Notebook, Eclipse, 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

**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** 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.