Sumit Pandit

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EDUCATION

Techno International Batanagar — *Kolkata, India*
Bachelor of Engineering in Computer Science & Engineering — 2022 – 2025

Raghunathpur Government Polytechnic — *Raghunathpur, India*
Diploma in Engineering in Computer Science & Technology — 2019 – 2022

Barakar Mother Mary's High School — *Barakar, India*
Matriculation — 2019

SKILLS

Technical: C, C++, Java, HTML, CSS, JS**,** SQL, Python, Machine Learning
Tools: Microsoft Office, Eclipse, VS Code

EXPERIENCE

Central Mine Planning and Design Institute (CMPDI) — Asansol*, India*
Apprentice Trainee — March 01, 2025 – Present

- Maintained and troubleshooted network infrastructure, ensuring seamless connectivity and minimizing downtime across the organization.
- Collaborated with IT teams and end-users to resolve technical issues efficiently, demonstrating strong communication and problem-solving skills.
- Assisted in configuring and monitoring routers, switches, and firewalls, contributing to secure and stable network operations.

Edunet Foundation — Remote*, India*
AI Intern — June 12, 2023 – July 24, 2023

- Implemented a Mental Health Fitness Tracker using machine learning, delivering precise predictions with minimal error and demonstrating strong predictive capabilities.
- Applied Python, Pandas, and regression techniques for model training and evaluation on real-world mental health datasets.
- Collaborated with mentors and peers to evaluate model outcomes and implement performance optimizations for real-world deployment.

PROJECTS

Mental Health Fitness Tracker

- Built a predictive model to assess mental health fitness using key input metrics.
- Used Python with ML regression techniques (e.g., Linear Regression, Random Forest) for training and evaluation.
- Achieved high accuracy with low error rates, reducing manual tracking and supporting real-world application.

Leaflyzer – Crop Disease Prediction with Web Interface

- Developed a solution to detect crop leaf diseases from images using deep learning, enabling early diagnosis and treatment for farmers.
- Applied Python, Convolutional Neural Networks (CNN), Streamlit (for web interface), OpenCV, Pandas.
- Delivered a user-friendly, real-time prediction tool with high accuracy, aiding in reducing crop losses and improving agricultural productivity.