

# Subhankar Chand

Phone: [+91 95644 36968](tel:+919564436968) | Mail: [subhankarchand66@gmail.com](mailto:subhankarchand66@gmail.com) | [LinkedIn](#) | [GitHub](#)

## EDUCATION

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### **Brainware University** | Aug 2022 - Aug 2026 (present)

Kolkata, West Bengal

**Course-** B.Tech in Computer Science & Engineering- AI & ML

**Obtained CGPA-** 8.41/10 CGPA

### **Mandalkuli Netaji Vidyapith** | 2021

Bankura, West Bengal

**Course-** Higher Secondary (12th)

**Obtained Percentage -** 77%

## CAREER OBJECTIVE

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Final-year B.Tech student specializing in AI & ML with hands-on experience in machine learning, data analytics, and Flask-based applications. Strong foundation in Python, SQL, and data visualization, with proven project work in real-world problem solving.

## PROJECTS

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### **AI-Powered Video Analytics System**

[Github](#)

- Developed a video analytics solution using Python, OpenVINO, and Flask to analyze real-time video streams
- Applied machine learning techniques for object detection and behavioral analysis
- Performed data preprocessing, feature extraction, and model optimization to improve performance
- Visualized insights using charts and dashboards for better decision-making
- Collaborated on debugging, testing, and improving system accuracy

### **Test-Forest: Predictive Forest Fire Analysis Using Weather Data**

[Github](#)

- Built a machine learning pipeline to predict forest fire occurrences using temperature, humidity, wind, and rainfall data with models like Random Forest and Decision Tree.
- Performed robust feature engineering and EDA using Pandas, NumPy, and Seaborn to uncover key environmental patterns influencing fire risks.
- Evaluated model performance using accuracy and confusion matrix, **achieving over 90% accuracy in high-risk fire classification**, aiding in early warning systems.

TECHNICAL SKILLS

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- **Programming & Scripting:** Python | C | SQL (MySQL)
- **Machine Learning & AI:** Supervised Learning | Unsupervised Learning | Model Training | Model Evaluation | Scikit-Learn | NumPy | Pandas
- **Data Analytics & Visualization:** Data Cleaning | Feature Engineering | Exploratory Data Analysis (EDA) | Power BI | Matplotlib | Seaborn
- **Database & Backend:** MySQL | Flask
- **Tools & Platforms:** VS Code | Git | GitHub | Docker
- **Analytical & Professional Skills:** Analytical thinking | problem solving | debugging | process improvement awareness | task prioritization | quality-focused approach
- **Communication & Collaboration:** Written and verbal communication | presentation skills | teamwork | ability to work independently
- **Productivity Tools:** Microsoft Excel | Word | PowerPoint

TRAINING & WORKSHOP

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|--|----------------|
| ○ 5-day Workshop on Emerging Trends in AI & ML.        | Aug'24         |
| ○ Six-week Industrial Training at Intel on AI Systems. | Feb – April'25 |
| ○ Attended a 2 days workshop on IBM SkillsBuild.       |                |

Languages

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- English (Read, Write, Speak)
- Hindi (Speak)
- Bengali: (Read, Write, speak)