

# Subhasish Panda

+919910010506 | subhasishpanda25@gmail.com | subhasishpanda25 | Codingpanda25

CSE Pre-Final Year | Software Engineer | 12x Hackathon Winner

## EDUCATION

**2022-26 Bachelor of Technology, Computer Science**, Maharaja Agrasen Institute of Technology, GGSIPU | Delhi, India

**Achievements:** National, Inter-level, Intra-level achievements and Co-curricular activities

**Research Fellow @ WCRP, Global KM-scale Hackathon, AORI, Tokyo**

**Finalist @ NRL National Hackathon, T-HUB, Hyderabad | Finalist @ Vihaan 6.0, Delhi Technological University | Winner @ Build For Future'23 Hackathon, Delhi Technological University | Winner @ EmpowHer'23 Hackathon, IIIT, Delhi | Winner @ HackwithMAIT 4.0 Hackathon, MAIT, Delhi | Winner @ Innovation Mela, MAIT, Delhi | Winner @ Hacknovate Hackathon, MAIT, Delhi | Winner @ Code4Cause'23 Hackathon, MSIT, Delhi | Winner @ CodeCrunch ML'23 Hackathon, DTU, Delhi | All Freshers @ BitBox 3.0 Hackathon, IIIT, Sector 128, Noida.**

**Winner @ Startup & Entrepreneurship Synergy Summit, GNA University, Punjab | Winner @ Code Feud, TnM 2023**

Achieved **top 5 percentile @ Adobe Gensolve**

## EXPERIENCE

**Brains Yielding Technical Endeavors(BYTE), Co-Founder**

- Fosters innovation, learning, and collaboration through **projects, research, and development** in Web Development, App Development, AI/ML, Cybersecurity (TechSec), and Design.
- Provides technical guidance and mentorship, ensuring efficient project management, clear communication, and skill utilization among 65+ members.
- Drives cutting-edge solutions by encouraging hands-on experience in a **collaborative environment by integrating emerging technologies** such as AI and blockchain, resulting in **3 successful project deployments**.

**Data & Strategy Unit, Department of Science & Technology, GOI, Intern**

January 2025 - Present

- Developed the **DSU Dashboard** with advanced data visualization, enabling **real-time insights** and strategic decision-making.
- Automated data processing, analysis, and reporting, **optimizing efficiency**, accuracy in **data-driven recommendations** and reducing manual effort by 40%.

**Code Ignite, Co-Founder**

July 2023 - Present

- Established a coding community at MAIT, enabling 350+ beginners to develop technical skills through structured mentorship and peer learning.
- Organized a **30-day Coding Challenge at Microsoft Office, Noida**, enhancing hands-on coding experience.

**Innovation and Incubation Cell, MAIT, Coordinator & Creative Head**

August 2024 - Present

- Provided guidance and hands-on experience in Development, Design, Career Growth, Business Management, and Strategic Planning.
- Mentored 30+ individuals to enhance **technical and managerial skills** through practical projects and structured support.

## SKILLS

**Languages:** C, C++, C#, Java, Python, JavaScript, TypeScript, HTML, CSS | **Frontend:** React.js, React Native, Electron.js, Redux, Tailwind CSS, Bootstrap | **Backend:** Node.js, Express.js, Django, REST APIs | **Database:** MongoDB, PostgreSQL, MySQL, MariaDB | **AI/ML:** TensorFlow, Keras, OpenCV, Mediapipe, Matplotlib, Generative AI, LLMs, Streamlit | **Tools:** Three.js, Blender, Unity, Unreal, Spatial, Figma, Canva, Git, Apache, Nginx, cPanel, aaPanel

## PROJECTS

**AgriBot Real-time Farming Insights**

AI-Powered Farming Assistant with Insights

- Developed** an AI-powered farming assistant with **real-time voice interaction** using **Google Cloud Speech-to-Text, Amazon Alexa, and Azure Cognitive Services**, improving crop management efficiency by 25%.
- Implemented image-based pest identification** and **predictive weather analytics** using **OpenCV, TensorFlow, and PyTorch**, reducing crop loss by 15%.

**SereneHub AI Mood Companion**

AI Mood Analysis & Virtual Companion

- Developed an AI-powered **mood analysis dashboard** using OpenCV, TensorFlow, and Scikit-Learn, providing **real-time song and playlist recommendations** via Spotify API, increasing user engagement by 30%.
- Designed a 3D virtual human with MetaHuman and Unreal Engine**, enabling **empathetic interactions** and multilingual chatbot responses for enhanced user engagement.

**MAITVERSE Virtual Campus**

Immersive VR Campus & Collaboration Hub

- Led development of a **full-scale Virtual Reality model of MAIT** using Blender, Unity Engine, and WebGL, enabling immersive campus experiences with **50+ players per session**.
- Engineered a real-time collaborative platform with multiplayer support, screen sharing, and **NFT integration** using Web XR, Unity Engine, Unity Multiplayer and Web Sockets.