# Soumyadyuti Dey

## AI/ML Engineer

Aspiring AI/ML Engineer and Cloud Developer with expertise in Python, AWS and scalable cloud solutions.

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Delhi, India 📍

soumo-git-hub.github.io/My-Portfolio/ 🔲

## EDUCATION

### Bachelor's Of Computer Application
The Northcap University

*06/2023 - Present*                    *8.6+ CGPA*
BCA

- **Relevant Coursework:**
  Cloud Computing, Artificial Intelligence / Machine Learning and Cybersecurity

## PERSONAL PROJECTS

On Beat (03/2024 - Present)
- **On Beat** is a wellness-focused web app that enhances health through interactive yoga, meditation, and physiotherapy sessions.

Scribe (02/2025 - Present)
- **Scribe** is an intelligent note-taking assistant designed to revolutionize the way you capture, organize, and interact with information.

AVAS (Advance Voice Assistant System) (07/2021 - Present)
- **AVAS** (Advanced Voice Assistance System) is an intelligent voice assistant designed for seamless interaction and efficiency.

SentraCore (05/2025 - Present)
- **SentraCore** is a high performance desktop application offering real-time monitoring, advanced system diagnostics and proactive threat protection made with modern technologies for enhanced security, reliability and efficiency.

## WORK EXPERINCE

### Security Engineer & Forensics Analyst
Amroha Police Cybersecurity (U.P)

*06/2025 - 07/2025*                    *Uttar Pradesh, India*
*Amroha Police (Cyber Cell) Government-led law enforcement unit focused on cybersecurity and digital crime investigation.*

*Tasks*
- Learned core concepts of ethical hacking, security engineering, cyber forensics, OSINT and digital crime investigation also showcased an AI based solution for real time evidence analysis to aid law enforcement operations.

### System Engineer
Thinkdex Pvt. Ltd.

*04/2025 - 05/2025*                    *Bangalore, India*
*Thinkdex is a software development company specializing in innovative, scalable and secure digital solutions for businesses worldwide.*

*Tasks*
- Optimized AWS infra, enhanced WebRTC with MediaSoup and migrated backend to Rust doubling speed and ensuring 100% uptime.

## SKILLS

`Python`  `Artificial Intelligence`  `Machine learning`
`Cloud Computing`  `Cybersecurity`  `NLP`  `LLM`

## ACHIEVEMENTS

National Level Hackathon Winner (01/2025 - 02/2025)
*Competed against 1700 teams; ₹40,000 prize*

NCU Hackutsav 1.0 (10/2024 - 10/2024)
*Competed against 70 teams; ₹15,000 prize*

SGT Innoverse Hackathon (02/2025 - 02/2025)
*Competed against 100 teams; ₹10,000 prize*

SeamEdu Award 2025 Winner: Best Performing Web Application (05/2025 - 05/2025)
*Winner of Seamedu 2025 inter-university competition across Pune, Bangalore & Gurgaon*

Google Cloud Arcade Winner (07/2023 - 12/2023)
*Google Cloud Arcade Challenge Winner – Successfully completed the challenge, demonstrating expertise in cloud computing through hands-on labs and real-world problem-solving.*

## CERTIFICATES

Generative AI with Large Language Models (01/2025 - 03/2025)
*Generative AI with Large Language Models by DeepLearning.AI and AWS provides foundational knowledge and practical skills in generative AI.*

AWS Educate Introduction to Generative AI (07/2025 - 07/2025)
*AWS Educate: Introduction to Generative AI certifies foundational knowledge of generative AI, foundation models and key use cases.*

TryHackMe : Cyber Security 101 (02/2025 - 04/2025)
*TryHackMe: Cyber Security 101 is a beginner course covering cybersecurity basics through hands-on labs and real-world scenarios.*

## LANGUAGES

English
*Full Professional Proficiency*

Hindi
*Full Professional Proficiency*

German
*Elementary Proficiency*

Chinese
*Elementary Proficiency*

## INTERESTS

`Artificial Intelligence`  `Cloud Computing`
`Machine Learning`  `Cybersecurity`  `LLM`  `NLP`