

SNEHA TANDON

Artificial Intelligence Student | 07355840875 | 5688sneha8865@gmail.com | <https://www.linkedin.com/in/sneha-tandon-93005122b> | <https://5688sneha8865.wixsite.com/mysite> | <https://github.com/st23652> | Essex

SUMMARY

Aspiring Software Engineer with a strong foundation in AI and programming, currently pursuing a BSc in Artificial Intelligence at the University of Essex. With hands-on experience developing AI-powered applications, I bring practical expertise in Python, Java, and machine learning. Leadership roles, participation in global tech communities like IBM Z and Intel, and my commitment to solving real-world problems through AI give me a distinct edge. I am excited to bring this blend of technical knowledge, creativity, and problem-solving to Infosys’ InStep Internship Program, where I can apply my skills to innovative, impactful projects and contribute to global solutions.

EDUCATION

Bachelor of Science BSc Artificial Intelligence <ul style="list-style-type: none">First Class (In Dean’s List)Relevant coursework: Data Structures & Algorithms, AI & Data Science, Software Engineering, Databases, Programming in Java	University of Essex, Colchester, UK	Oct 2023 – Jul 2027
International A level (IAL) <ul style="list-style-type: none">IAL, IAS, IGCSEIAL – Biology, Chemistry, Physics	Dubai Gem Private School, Dubai, UAE	Sep 2008 – Jun 2023

EXPERIENCE

IBM Z Student Ambassador <ul style="list-style-type: none">Promoting mainframe technology and engaging in events while building a deep understanding of large-scale tech systems.	IBM Z Mainframe	July 2024 – Present
Intel Student Ambassador <ul style="list-style-type: none">Developing an AI-powered health dashboard and planning workshops to promote AI technologies.	Intel Corporation	Jun 2024 – Present
Vice President <ul style="list-style-type: none">Led tech-focused events, connecting students with Google Developer resources and enhancing collaboration skills.	Google Developer Student Clubs (GDSC)	Jan 2024 – Jun 2024
Python Programmer Intern <ul style="list-style-type: none">Developed Python applications, including a task management tool, while ensuring user requirements were met.Participated in code reviews and maintained documentation to uphold software quality.	CodSoft (Remote)	Jun 2024
Java Programmer Intern <ul style="list-style-type: none">Created Java applications, enhancing skills in UI design and software development best practices.Collaborated with team members to implement features and troubleshoot issues.	CodSoft (Remote)	Jun 2024
Artificial Intelligence Intern <ul style="list-style-type: none">Developed clustering models and spam detection algorithms to optimize IT systems using AI techniques.	Intrainz (Remote)	Mar 2024 – Jun 2024
Artificial Intelligence Intern <ul style="list-style-type: none">Created machine learning models for credit card default prediction, improving financial risk management using AI.	Edunet Foundation (Remote)	Feb 2024 – Mar 2024

PROJECTS

AI Interviewer Project <ul style="list-style-type: none">Developed an AI-powered recruitment platform using Django, PostgreSQL, and AI tools for sentiment analysis, improving system performance through data optimization.		Jul 2024 – Present
Credit Card Default Prediction <ul style="list-style-type: none">Using designed machine learning models to assess credit card default risks, utilizing data analysis techniques and improving prediction accuracy.	Edunet Foundation	Feb 2024 – Mar 2024
Heart Disease Prediction <ul style="list-style-type: none">Applied AI and statistical methods to predict heart disease risks, showcasing advanced problem-solving skills in healthcare AI.	University of Essex	Oct 2023 – Mar 2024

VOLUNTEER EXPERIENCE

Student Representative <ul style="list-style-type: none">Organizing cultural events and representing students to promote diversity and inclusion within the university.	Hindu Society, University of Essex	Aug 2024 – Present
Communication Officer <ul style="list-style-type: none">Managing communications for the coding club, fostering collaboration and promoting tech workshops.	Coding Club Project, VTeam, University of Essex	Jul 2024 – Present

SKILLS

- Programming Languages:** Python, Java, SQL, HTML, CSS
- AI/ML Tools:** Pandas, NumPy
- Technical Skills:** Data Manipulation, Machine Learning, Problem Solving
- Frameworks & Technologies:** Django, PostgreSQL, Git, Docker, Agile
- Soft Skills:** Leadership, Communication, Collaboration