

Amit Kumar Kuswaha

Greater Noida, Uttar Pradesh

iamitk487@gmail.com — +91-8099829544 — linkedin.com/in/iamit105 — github.com/iamit0258

SUMMARY

AI and software engineering undergraduate with hands-on experience in **generative AI, machine learning, IoT systems, and full-stack web applications**. Proven ability to design and deploy scalable, user-focused solutions using modern tools, APIs, and cloud platforms. Strong foundation in **data structures, algorithms, and computer systems**.

EDUCATION

Bachelor of Technology — Electronics and Computer Engineering 2022 – Present

Dronacharya Group of Institutions, Greater Noida

CGPA: 7.38 / 10 (73.8%)

Senior Secondary (Class XII) — Assam Higher Secondary Education Board 2020 – 2022

B. Borooah College, Guwahati

Percentage: 73.2%

High School (Class X) — Assam Board of Secondary Education 2020

Aryan Academy English Medium High School, Guwahati

Percentage: 79.67%

WORK EXPERIENCE

GenAI Intern — AgriDoot (NovosEdge Pvt. Ltd.) Jun 2025 – Aug 2025

- Assisted team leads in the development of **Gyan LLM**, a domain-specific large language model.
- Contributed to the **Gyan Fatafat web scraping module** for collecting, cleaning, and structuring large-scale datasets.
- Supported prompt design, data preprocessing, and validation workflows.
- Collaborated with cross-functional teams to integrate AI components into production pipelines.

PROJECTS

GDUPALS—Senior Citizen Engagement Platform [Link] Apr 2025

- Architected and deployed a **mobile-first web platform** delivering live sessions, e-commerce, learning resources, and travel planning for senior citizens.
- Implemented secure authentication using **Clerk** and real-time data management with **Supabase**.
- Optimized application performance and scalability through **Vercel-based cloud deployment**.
- Designed a **bilingual (English/Hindi), accessibility-first UI** to enhance usability for elderly users.

Instagram Sentiment Analysis System Nov 2024

- Designed and implemented an **NLP-based sentiment analysis pipeline** using Python and machine learning libraries.
- Processed and classified Instagram comments into **positive, negative, and neutral** sentiment categories.
- Analyzed sentiment trends to generate actionable insights for brand perception and customer feedback.

Home Automation System (IoT) Feb 2024

- Developed an **IoT-enabled home automation system** using NodeMCU and Blynk for remote appliance control.
- Enabled real-time monitoring and control of devices via a mobile application.
- Ensured reliable device communication and user-friendly interaction.

IoT-Based Floor Cleaning Robot (Prototype), May 2023

- Built a **toy car-based floor cleaning prototype** using Arduino, C, and DC motors.
- Implemented basic motor control logic to enable movement and surface cleaning functionality.
- Focused on understanding core concepts of **robotics, automation, and embedded systems**.
- Presented the prototype at the college Hackfest **Dron Pratibimb**, demonstrating practical engineering skills.

TECHNICAL SKILLS

Languages: C, C++, Python, SQL

AI/ML: Machine Learning, NLP, LLMs, Prompt Engineering

Web/Cloud: Supabase, Clerk, Vercel

Tools: GitHub, VS Code, Google Colab, MATLAB, Arduino IDE

Core CS: Data Structures & Algorithms, Operating Systems, Computer Networks, OOP

CERTIFICATIONS & ACHIEVEMENTS

- CCNA: Introduction to Networks — Cisco Networking Academy (2025)
- Introduction to Cybersecurity — Cisco Networking Academy (2025)
- Innovation Design & Entrepreneurship (IDE) Bootcamp — IIT Jammu (AICTE, MOE)
- Computer Networks Fundamentals — Udemy
- NSS Volunteer — 27th National Youth Festival, Government of India