

Aman Kumar

• Lohegaon, Pune – 411047 • amankumardk1@gmail.com • 8308477769
• [LinkedIn](#) • [GitHub](#)

OBJECTIVE

A recent graduate (Class of 2025) with a Bachelor of Computer Applications (BCA) in Cloud Technology, I have a solid academic background (CGPA: 8.9) complemented by practical experience in cloud computing, full-stack development, and AI-powered solutions. With 8 months of hands-on experience in the MEAN stack (MongoDB, Express.js, Angular, Node.js), I have built scalable web applications and gained proficiency in tools like Docker, Kubernetes, Google Cloud Platform (GCP), and AWS. My technical toolkit includes Python, JavaScript, and Java, along with experience in AI/ML initiatives and data engineering pipelines. I am actively seeking opportunities in Cloud Technology, AI/ML, DevOps, Data Engineering, or Software Development, where I can leverage my skills and passion for innovation in a fast-paced, team-oriented environment.

SKILLS

Functional: Communication Skills

Technical: Python, Git, GitHub, HTML, CSS, JS, Capacitor, NodeJS, Google Cloud, AWS

Python: Flask, NumPy, OpenCV

CSS: Bootstrap, Tailwind

Java Script: NodeJS, Angular

Database: MySQL

Operating System: Linux, Windows

EDUCATION

Bachelor of Computer Applications (BCA) in Cloud Technology

August 2025

Ajeenkya DY Patil University, Pune

Current CGPA: **8.93**

EXPERIENCE

MobiCloud Technologies

July 2024 – March 2025

MEAN-Stack

- Application Frontend Development
- API testing and Integration
- Database Handling
- Industry project maintenance

BharatIntern

August 2023 – September 2023

Web Development

- Concentrates on Web Development as the primary focus of the internship.
- Operates on a project-based structure, assigning specific tasks or projects.
- Assigned projects required completion within designated timelines or deadlines.

CodeSoft

August 2023 – September 2023

Python Programming Intern

- Emphasizes Python programming as the core focus of the internship.
- Operated on a project-oriented approach, providing tasks or projects.
- Required timely completion of assigned Python-based projects or tasks.

PROJECTS

Video Chat Application

April 2025

- Real-time video chat platform built with Angular 19.2 and WebRTC, enabling random peer-to-peer video connections.
- Socket.IO integration facilitates low-latency real-time communication and signaling.
- Secure HTTPS and SSL support ensure encrypted video and audio streaming.
- Users matched randomly into one-on-one video chats with automatic peer discovery.
- Deployed frontend on Netlify and backend via ngrok for secure external access.

- Supports cross-browser compatibility and production-ready deployment configuration.

Automated Call Management System (AutoCaller)

August 2024

- Basic outbound call automation system with simple sequential dialing capability using the Capacitor Call Number plugin.
- Excel-based contact management system for importing and handling contact data (name, phone number, and optional message).
- Basic call status monitoring with idle/calling/error states using RxJS Behavior Subject.
- Enabled seamless third-party integration using RESTful APIs and telephony service providers.
- Simple auto-calling feature with configurable intervals between calls.
- Basic progress tracking showing current call count and total contacts.
- Minimal user interface with a dialer component and call manager for manual and automated calling.

Desmoke Dehaze AI

August 2023 – November 2023

- AI capable of detecting and removing smoke in real-time across various media formats: images, video, and live video streams.
- Notably designed to function in real-time scenarios, distinguishing it as a key feature.
- Versatile integration with CCTV systems enhances security measures through smoke detection.
- Suitable for deployment in areas affected by smoke and fog, providing practical solutions.
- Offers real-time smoke detection and removal, accommodating diverse environments and situations.
- Comprehensive functionality spans different media types, ensuring adaptability and broad applicability.

Image Generator

October 2023 - November 2023

- Employs Python Tkinter for constructing the graphical user interface (GUI), ensuring a user-friendly interface.
- Utilizes the Unsplash API to dynamically generate images, enhancing its functionality and content diversity
- Emphasizes a basic yet intuitive design, prioritizing user-friendliness and accessibility.
- Allows users to download the generated images, adding a practical and convenient feature.

Stock Market Trading Simulation App

May 2024

- Developed a GUI application using Python and Tkinter for simulating stock trading, allowing users to manage a virtual stock portfolio and watchlist.
- Integrated real-time stock price updates by utilizing the Yahoo Finance API (via yfinance), enabling accurate and up-to-date market information for users.
- Implemented comprehensive portfolio management features, including purchasing, selling, and displaying current holdings with automatic profit/loss calculations.
- Created functionality to persist data across sessions using JSON, storing user portfolios and transaction histories for later retrieval.
- Enabled export of transaction history to CSV format, facilitating easy record-keeping and data analysis for users.

CERTIFICATIONS

- Google Cloud certified as Cloud Digital Leader ([Link](#))

ACHIEVEMENTS

- Participated and selected for the Smart India Hackathon (SIH) organized by the Government of India.
- Secured victory in the Hackathon conducted at Ajeenkya DY Patil University in 2022 as part of the #Tech event.
- Earned selection for the Flipkart Level 1.1 E-commerce test, showcasing proficiency and potential in the field.

REFERENCE

Available upon request.