Aniket Singh

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SUMMARY

Data Analyst / AI Engineer and Full-stack developer with **1 year** of experience skilled in **Python** and **MERN** stack, with experience in **SQL/NoSQL** databases, **cloud platforms**, and hosting. Built scalable systems and SaaS applications. **Fast learner**, **adaptable**, and eager to work with new technologies and AI/data-driven solutions.

EDUCATION

11/2022 – 04/2026	Bachelor of Technology in Computer Science with Specialisation in AIML, **IES IPS Academy, Indore**	
09/2023 – 09/2027	Bachelor of Science in Data Science, **IIT Madras Online Degree**	
03/2022	Senior Secondary, **Ram Krishna Mission, Gwalior**	(84%)
03/2020	Secondary, **Gwalior Glory High School, Gwalior**	(83%)

WORK EXPERIENCE

Python Developer & Data Analysis Intern, Botmartz IT Solutions   Sept 2024 – Feb 2025
– **Executed** multiple projects including **Astroshala**, a **RAG-based chatbot** for astrological predictions using **Vector DB** and a full pipeline in **Flask**.
– **Developed** scalable websites with **Flask** and **FastAPI** backends.
– **Performed** advanced **data analysis tasks** to support business insights.

Associate Software Development Intern, Qualimatrix Technologies   Mar 2025 – May 2025
– **Learned and implemented** full-stack development in **MERN stack**.
– **Contributed** to multiple **products** with focus on scalability and performance.
– **Integrated AI-driven features**, enhancing applications with intelligent capabilities.

Lead Software Development Intern & Project Lead, Unjob.ai   June 2025 – Present
– **Founded and built** the MVP for the product **Unjob.ai**, handling end-to-end development.
– **Promoted to Project Lead**, successfully **managing and mentoring** a team of 5 developers.
– **Led feature development**, optimized workflows, and delivered scalable solutions for SaaS applications.
– **Collaborated** on product strategy, design, and deployment using modern **full-stack technologies**.

TECHNICAL SKILLS

Last updated: September 23, 2025

- **Languages:** Python, JavaScript, TypeScript, SQL
- **Frameworks:** Django, Flask, FastAPI, React, Next.js, Node.js, Express, MERN Stack
- **Databases:** MySQL, PostgreSQL, MongoDB, Vector DBs (Pinecone/FAISS)
- **Cloud & Hosting:** AWS, Azure, Vercel, Netlify, Docker, GitHub Actions

PROJECTS

Multi-Class Text Classification using BERT [GitHub Link](#)

Fine-tuned **BERT** for **sentiment analysis**, **topic classification**, and **spam detection** with optimized preprocessing and dataset labeling. **Technologies:** Python, BERT, Transformers, PyTorch, NLP

CI/CD with Azure [GitHub Link](#)

Implemented a robust **CI/CD pipeline** using **Azure DevOps** for automated testing, integration, and deployment, ensuring faster and reliable delivery. **Technologies:** Azure DevOps, GitHub, CI/CD Pipelines

Fyrebit Hackwave (Hackathon Project) [GitHub Link](#)

Developed a **web scraper** and a **Next.js full-stack application** during the **Fyrebit Hackwave Hackathon**, integrating backend services with modern frontend architecture. **Technologies:** Next.js, Node.js, Web Scraping, MongoDB

PUBLICATIONS

- **Polyp Detection in Colonoscopy Images using U-Net Architecture** Healthcare-focused research paper on **medical image segmentation** for early colorectal cancer detection using **U-Net deep learning architecture**. Published in *Revista de Tecnología e Innovación*, 2025 [Read Publication](#)

ACHIEVEMENTS

- **Open Source Contributions:** Completed **Hacktoberfest 2024 (all levels)** and contributed as a **GSSoC Contributor 2025**.

- **Problem Solving & Freelancing:** Solved **200+ coding problems** across platforms. Active freelancer with **10+ projects delivered** successfully to clients.

- **Hackathons & Competitions:** Winner at **Hackndore Hackathon**. Winner of **Frontend Battle, IIT Bhubaneswar**. Secured **AIR 1 at BAJA**, for building an **autonomous buggy vehicle**.

- **Leadership & Soft Skills:** Lead of **IPS Tech Club**, organizing **200+ events**, including hackathons and TEDx-scale conferences. Recognized for strong **communication, management, and leadership** skills.