

ABYN JOHN

+91 8446506733 ◇ Pune, Maharashtra
abynjohn22@gmail.com ◇ [Linkedin](#) ◇ [Github](#)

SUMMARY

Motivated Computer Science student with a strong foundation in Python development and a forward-thinking approach to problem-solving. Passionate about building efficient, clean, and scalable code. Eager to contribute to innovative projects and continuously grow in fast-paced, tech-driven environments

EDUCATION

B.Tech Computer Engineering, Vishwakarma University 2022 – 2026
CGPA: 7.56 | SGPA: 8.36

The Lexicon International School, Wagholi, Pune 2015 – 2022
SSC (10th CBSE): 87.4%
HSC (12th CBSE): 76.2%

SKILLS

Technical Skills	Python (NumPy, Pandas), FastAPI, SQL, MongoDB, Power BI, Tableau, Excel (Advanced), Make.com, Git/GitHub
Concepts	EDA, Data Cleaning, REST APIs, SDLC, Agile, KPI Tracking, Forecasting, Data Interpretation
Communication	Technical Documentation, Effective English communication, Cross-functional collaboration
Soft Skills	Teamwork, Problem-Solving, Collaboration, Initiative, Leadership

EXPERIENCE

Software Developer Intern June 2023 - July 2023
Netsmartz

- Developed user stories and functional specs for a music streaming system.
- Researched and documented industry best practices for streaming services.
- Assisted in defining the SDLC and Agile workflows for product development.

PROJECTS

Business Intelligence Dashboard (Power BI): Built an SLA and ticket closure dashboard using real-world tech support data. Completed full ETL (Kaggle → Power BI), applied QA checks, and visualized KPIs to track operational efficiency.

Best-First Search Sudoku Solver (Python): Developed an AI-based solver using Best-First Search with optimized data structures to reduce compute time and enhance performance.

Netflix Recommender System (Python, Streamlit): Created a TF-IDF + cosine similarity-based content recommender with 91% top-5 precision. Added fuzzy logic fallback (81.6% coverage) and dynamic UI to reduce user wait time by 40%.

Ubuntu AI-Remix (Ongoing): Leading a 5-member team for a final-year project developing a custom Ubuntu OS tailored for AI workflows — enabling seamless execution of AI scripts without setup.

EXTRA-CURRICULAR ACTIVITIES & CERTIFICATIONS

- Cleared Round 1 of Smart India Hackathon; led problem scoping, solution design, and feasibility analysis.
- IBM *IT Fundamentals for Cybersecurity* – Specialization.
- University of Colorado *Computer Network Security Fundamentals* – Specialization.
- Duke University *Introduction to FastAPI* – Coursera.
- *Deloitte Australia: Data Analytics* – Job Simulation (Forage).