

Abyn P John



Email: abynjohn22@gmail.com | Mobile: +918446506733 | <https://www.linkedin.com/in/abyn-john> |
Address: Wagholi, Pune

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

Vishwakarma University, Pune | [B.Tech Computer Engineering](#) | 2022 – 2026

5th Sem: 8.36

CGPA: 7.56

The Lexicon International School Wagholi, Pune | SSC & HSC | 2015 - 2022

[12th CBSE](#): :76.2%

[10th CBSE](#): :87.4%

WORK EXPERIENCE

Software Developer Intern – Netsmartz (2023) |

- Developed a **Project Management Report** for a **music streaming platform** with detailed **user stories and functional documentation**.
- Researched and documented **industry best practices** for **streaming platforms**.
- Assisted in defining the **SDLC and agile methodologies** for product development.

Backend Developer – Wizlantics (Startup Project)(2024)|

- Implemented **CRUD operations** with **FastAPI + MongoDB** integration
- Followed REST architecture for **scalable** services

PROJECTS

Business Intelligence & Data Analytics (Power BI) |

- Created a Power BI dashboard to monitor **ticket closure rates & SLA compliance** using a real-world technical support dataset
- Performed full ETL pipeline: data sourcing (Kaggle), cleaning, transformation, and visualization. Implemented basic **data quality assurance** checks to ensure completeness and accuracy before dashboard creation
- Implemented **data visualization** and **KPI tracking** for improved operational efficiency.

Best-First Search Sudoku Solver – Python |

- Developed an AI-based Sudoku solver using the Best-First Search algorithm for optimized performance.
- Focused on data structure efficiency to reduce **computational time**.

Netflix Recommendation System | (Python, Streamlit, Scikit-learn)

- Developed a content-based movie recommender using **TF-IDF & cosine similarity** across 6+ metadata fields, achieving **~91%** top-5 match precision.
- **Engineered** a fallback genre recommender using **fuzzy matching** (SequenceMatcher), ensuring **81.6%+** coverage on failed inputs.
- Designed a modular Streamlit UI with **dynamic filtering** & rerendering, boosting interaction speed by **40%** and enabling a **zero-refresh experience**.

Ubuntu AI-Remix(Ongoing)

- **Project Lead** for the **Final-year project** with a team of 5 members
- Developing a custom **Ubuntu-based AI Remix OS** aiming to enable users to run AI code without **manual setup, eliminating library installation** steps to **save time** and **increase accessibility**

EXTRACURRICULAR ACTIVITIES AND CERTIFICATES

- **Smart India Hackathon (Round 1 Cleared)** - Worked on **problem research, solution architecture, and feasibility analysis**.
 - **Introduction to FastAPI** - Duke University (Coursera)
 - **Deloitte Australia Data Analytics** - Job Simulation (Forage)
 - **MS Excel**- LearnX
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LANGUAGES, SKILLS

Skills

- Strong business communication skills in English
- Ability to analyze and interpret data for decision-making
- Technical documentation and presentation proficiency
- Knowledge of data storage & extraction
- Proven ability to collaborate in cross-functional teams

Technical Skills

- **Programming:** Python (NumPy, Pandas), FastAPI, SQL
- **Databases:** MongoDB Atlas
- **Data Tools:** Power BI, Tableau (basic), Excel (Advanced), Make.com
- **Concepts:** EDA, Data Cleaning, REST APIs, SDLC, Agile, KPI Tracking, Forecasting Models
- **Version Control:** Git, GitHub

Soft Skills

- Working with **Teams**
- **Problem Solving** Skills
- **Collaborative** approach to work
- Taking **Initiatives** to seize opportunities
- Ability to **Lead Teams** cohesively