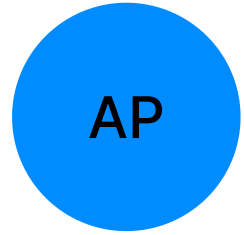# ATHARVA PURANIK

Junior AI/ML Engineer

AP

📞 8080711488 @ atharvapuranik255@gmail.com 🔗 linkedin.com/atharva-puranik 📍 India

SUMMARY

I am a motivated B.Tech IT student specializing in AI and Machine Learning, with expertise in Python and data processing techniques. I have developed a crime hotspot prediction model that achieved an accuracy of 82%. I am eager to leverage my analytical skills and technical knowledge as a Junior AI/ML Engineer to contribute to innovative machine learning solutions

EXPERIENCE

Project Intern

AI Policing

📅 02/2025 - 05/2025   📍 India

A project focused on crime hotspot prediction using machine learning techniques

- Cleaned and pre-processed historical crime data: handled missing values, normalized features, converted date/time, and geocoded addresses to coordinates
- Assisted in developing a supervised machine learning model for crime hotspot prediction, achieving 82% accuracy through feature engineering and model evaluation
- Documented data pipeline and collaborated with cross-functional team using Git for version control

Project Intern

NGO Nexus

📅 07/2024 - 12/2024   📍 India

A platform for connecting local NGOs with features for event registration and management

- Developed backend systems and designed MySQL database schema for an NGO event registration platform.
- Integrated frontend and backend using JSP and Java, and improved code maintainability through clear documentation and modular design.

EDUCATION

Bachelor of Technology (B.Tech)

KJ Somaiya Institute of Technology | CGPA : 9.3

📅 08/2023 - Present   📍 India

Higher Secondary Certificate (HSC)

Pace Junior Science College | 85%

📅 07/2021 - 08/2023   📍 India

Indian Certificate of Secondary Education (ICSE)

Lilavatibai Podar High School | 96%

📅 04/2011 - 07/2021   📍 India

STRENGTHS

🏳 **Analytical Skills**

Strong problem-solving and analytical thinking, with a commitment to continuous learning

⭐ **Collaboration Skills**

Demonstrated effective collaboration and communication skills while working with cross-functional teams on AI/ML and web-based projects.

SKILLS

Apache Tomcat	CSS	C
Django	Docker	Git	HTML
Java	JSP	NumPy	Pandas
Python	PyTorch	React
Scikit Learn	Supervised Learning

Feature Engineering

| Model Evaluation | SpringBoot |
| SQL | TensorFlow | Matplotlib |

Data Wrangling

| Exploratory Data Analysis | REST APIs |

Data Structures and Algorithms

| Communication | Collaboration |

COURSES

Supervised Learning

Advanced Learning Algorithms

Unsupervised Learning