

SUMMARY:

Proactive individual with a strong foundation in machine learning concepts, data preprocessing, and model development. Skilled in Python programming and statistical analysis, eager to contribute to innovative AI-driven applications. I aim to leverage my expertise in machine learning algorithms, cloud platforms like AWS, and data engineering techniques to create scalable, real-world AI solutions. My passion for AI and its transformative potential has driven my career shift, and I am committed to advancing in this dynamic field to deliver impactful results.

EDUCATION:

Degree	Board	CGPA/Percentage	Year
Bachelor of Engineering	Anna University of Tamil Nadu	8.02	2022
Senior Secondary	State Board of Tamil Nadu	71%	2018
Secondary	State Board of Tamil Nadu	91%	2016

WORK EXPERIENCE:

Guardian Life | Web Services Developer (GET)

April 2022 – July 2023 | Chennai, IN

- Started with hands-on training in **Core and Advanced Java**, then developed **RESTful APIs** using **Spring Boot**. Gained exposure to **CI/CD with Jenkins, Docker** for containerization, and deployments in **Linux environments**. Later handled a full **subscription management microservice**, improving API performance through backend tuning, **MySQL indexing**, and **caching**, working closely with DevOps for smooth delivery.
- Contributed to a **chatbot system for personalized insurance recommendations**. Used **XGBoost** for prediction, **spaCy** for NLP tasks, **FastAPI** for model serving, and **Rasa** for building conversation flows.
- Applied MLOps practices using **ZenML** to build modular pipelines covering preprocessing, model training, evaluation, and deployment. Integrated tools like **TensorFlow, PyTorch, Hugging Face**, and **MLflow** within the workflow. Automated pipeline runs using **Jenkins** and deployed services with **Docker**, ensuring reproducibility and easy scaling.
- Followed Agile development with **Jira** and used **Git** for version control, gaining practical experience in delivering real-world AI systems from experimentation to deployment.

ACHIEVEMENTS:

Contributed to Guvi’s Guinness World Records' AI-for-India Event

- Actively participation in the distinguished AI-for-India event organized by Guvi, AICTE, N.E.A.T, and Buddi.AI, which successfully earned a Guinness World Record for the highest number of participants completing a comprehensive lesson and a hands-on project titled **"Building a Face Recognition App Using Python."**
- Gained invaluable, practical expertise in the realm of Artificial Intelligence by architecting and deploying a sophisticated face recognition application, thereby solidifying my proficiency in contemporary AI technologies and machine learning frameworks.
- Honoured to be part of this groundbreaking initiative, collaborating with like-minded professionals to achieve this extraordinary milestone.
- Awarded a prestigious certificate for the successful culmination of both the theoretical course and the practical project, validating the accomplishment and my proficiency in the field of AI.

SKILLS:

- Programming Languages:** Python ★★★★★, Java ★★★★★, SQL ★★★, C ★★
- DevOps & Tools:** Docker, Jenkins, Git, Postman, Linux [Ubuntu], Matlab - (★★)
- ML Technologies:** scikit-learn, TensorFlow, Matplotlib, Seaborn - (★★)
- Web Technologies:** Spring Boot, Pandas, NumPy, PyTorch - (★★)
- Databases:** MySQL, PostgreSQL, MongoDB - (★★)

COURSES:

Click on the title

- Python Project for Data Science | Coursera
- Image Processing Onramp | MathWorks
- Data Science Methodology | Coursera
- Artificial Intelligence Foundations | SkillUp
- Machine Learning with Python| Coursera