

VAISHNAVI ASHOK KOKATE

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Address: Yerwada, Pune, Maharashtra , India

CAREER OBJECTIVE

Aspiring to secure an entry-level role in **AI , Machine Learning , Cloud Computing , Backend Development , or Software Testing** , where I can apply my technical skills to build efficient, real-world solutions. Passionate about exploring emerging technologies, expanding my expertise, and contributing to an innovative, growth-oriented team.

TECHNICAL SKILLS

- **Programming :** Java, Python, JavaScript
- **Frontend:** HTML, CSS
- **Backend:** Java, Python, Node.js, Express.js, REST APIs, JSON
- **Frameworks:** Spring Boot
- **Databases:** MySQL, MongoDB
- **AI / Machine Learning:** Generative AI, LLaMA Models, NLP (NLTK), Regression, Classification, NumPy, Pandas, Scikit-learn , Prompt Engineering
- **Cloud & Deployment:** AWS Cloud Foundations, CI/CD (GitHub Actions), Docker, Nginx, Cloud Deployment
- **Tools & Version Control:** Git, GitHub, Maven, Power BI, Excel, Postman , copilot
- **Testing / Automation:** Selenium

EDUCATION

Master of Computer Science | 2023 - 2025

Modern College of Arts, Science and Commerce Pune – Savitribai Phule Pune University

Percentage: 94

Bachelor of Computer Science | 2020 - 2023

St. Mira's College for Girls , Pune – Savitribai Phule Pune University

Percentage: 76.74

Higher Secondary Certificate (H.S.C.) | 2017 - 2019

Rani Laxmibai Mulinchi Sainiki Shala – Maharashtra State Board

Percentage: 52.16

Secondary School Certificate (S.S.C.) | 2017

Genba Sopanrao Moze School – Maharashtra State Board

Percentage: 83.40

INTERNSHIP EXPERIENCE

Data Science & Machine Learning Intern – L1 Associate Software Developer

Infotact Solutions , Bengaluru , Karnataka | Jan 2025 – May 2025

- Worked on real-world Data Science, ML, and AI projects with end-to-end model development.
- Built sentiment analysis and regression models for actionable insights.
- Performed data preprocessing, EDA, and analytics to improve model accuracy.
- Created dashboards and visual reports to present data-driven insights.

ACADEMIC PROJECTS

1. Sentiment Analysis using NLP Techniques

Technologies: Python, NLP, Scikit-learn, NLTK

Description: Developed a sentiment classification model to analyze user opinions from text data.

Repo: <https://github.com/VAISHNAVIKOKATE24/sentiment-analysis-nlp>

2. Real Estate Price Prediction using Regression Models

Technologies: Python, Pandas, NumPy, Scikit-learn, Linear Regression

Description: Regression model for price prediction. Deployed on AWS EC2 using Nginx.

Repo: <https://github.com/VAISHNAVIKOKATE24/real-estate-price-prediction>

3. Task Manager App using MERN Stack

Technologies: MongoDB, Express.js, React.js, Node.js

Live Project: <https://mern-task-manager-app-deploy-ui-inky.vercel.app/>

Description: Built a full-stack task management app with CRUD operations and real-time UI updates.

4. LinkedIn Post Generator using LLaMA 3.2 (Generative AI)

Technologies: Python, Generative AI, LLaMA 3.2, Streamlit

Description: AI tool to generate professional LinkedIn posts based on user prompts.

5. AI Chatbot using Gemini API

Technologies: Gemini API, Python, Flask, JavaScript

Description: Created a context-aware chatbot capable of handling dynamic user queries.

6. HR Analytics Dashboard and Insights

Technologies: Power BI, Python, Excel, Data Visualization

Description: Designed a dashboard to analyze HR data and extract workforce insights.

7. Real-Time Drowsiness Detection & Speed Simulation with Alert System – Research Project

Technologies: Python, OpenCV, dlib, Twilio, IPinfo API, Power BI, CSV Logging

Description: Built a real-time EAR-based driver drowsiness detector with speed simulation, buzzer + SMS alerts (Twilio + IPinfo), CSV logging, and Power BI dashboards; achieved 95% accuracy.

Research Paper:

https://drive.google.com/file/d/10Rxt9GImY0sHSqm3APrpEBu0ex1SEfUR/view?usp=drive_link

CERTIFICATIONS

- AWS Cloud Foundation – AWS
- Java Full Stack Certification (Pursuing) - Accenture Livelihoods Project (StepUp & Learn), NASSCOM Foundation, Vinsys (2025)
- Frontend Web Development Intern – IBM SkillsBuild (June – July 2023)
- Website Development Intern – Tri Polarcon Pvt. Ltd. (May–June 2024)
- Completed Java Full Stack Course – SSPU Pune
- Divisional-level Chess Player
- Winner – Singing Competition and Active Cultural Club Member

SOFT SKILLS:

Time Management, Problem Solving, Adaptability, Communication, Analytical Thinking, Teaching Ability

PERSONAL INTERESTS / HOBBIES:

Singing, Cycling, Coding, Teaching, Reading Self-Help Books