

KATE ALPHANSO

COMPUTER ENGINEER

CONTACT

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PROFILE

Dynamic and result driven individual who wishes to expand her horizon beyond just coding and developing. I am excited and curious to learn and grasp every knowledge that comes my way. I have completed my honours in Cyber Security. I have strong problem solving skills, team collaboration and a commitment to delivering scalable and maintainable solutions.

SOFT SKILLS

- Strategic Planning
- Problem Solving
- Crisis Management
- Creative Thinking
- Adaptability to Change
- Research writing
- Editing & proofreading

TECHNICAL SKILLS

- Python, SQL, HTML, CSS
- Tableau
- power BI
- LINUX (Bash), Windows
- Content Writing
- Technical writing
- Data Analysis
- Google Colab
- Agentic AI
- Generative AI
- Data Science
- Machine Learning
- Data Annotation
- Roboflow
- NLP
- NLTK
- Sentiment Analysis
- Training, Validation, Testing
- Artificial Intelligence
- Docker, Containers
- YOLO
- Object Detection
- Grafana Dashboards

PROJECTS

1. Agentic AI based Netflix movie recommender system (Python)
Python | Machine Learning | Recommender Systems | Agentic AI
Implemented data preprocessing techniques on the movie dataset (ratings, genres, and descriptions) using Pandas and NumPy.
Developed recommendation algorithms (content-based and collaborative filtering) with Scikit-learn to suggest relevant movies.
2. Marathi Healthcare chatbot (Python)
Python | Tkinter (GUI) | ChatterBot | NLTK
Configured and trained the ChatterBot engine with healthcare-specific data.
Collected and formatted Marathi-language training data manually.
Ensured proper error handling and user-friendly messages.
Integrated response logic for symptom-based suggestions.
3. travel planner (HTML CSS React js)
Python | Flask | HTML/CSS | JavaScript | SQLite | REST APIs
Trip itinerary builder with date, activity, and location mapping.
Estimated budget calculator based on travel days, accommodation, and food.
Local attractions and tips displayed per location.

KEY ACHIEVEMENT

RESEARCH PAPER PUBLICATION : TRAVEL WORLD
PAPER ID: JECA-3552 Published IN ugc care JOURNAL

COURSES

- AI Skills Fest Challenge: AI for Public Sector Upskilling Microsoft 365 Copilot
- Google Cybersecurity Professional Certificate — <https://www.credly.com/users/kate-alphanso>
- Introduction to Deep Learning & Neural Networks with Keras: <https://coursera.org/verify/A768ZXWC4M06>
- Generative AI and LLMs: Architecture and Data Preparation: <https://coursera.org/verify/S53EZ7BFG86Z>
- Generative AI Language Modeling with Transformers: <https://coursera.org/verify/AO50UC396EAF>

EXPERIENCE

HUBBLEHOX TECHNOLOGIES
JR. DATA SCIENTIST INTERN NOVEMBER 2025 - PRESENT

EDUCATION

BE in **Computer Science** Aggregate CGPA- **8** (No backlog SFIT (2021 - 2025)
Honors in Cyber Security CGPA - **9** SFIT (2023 - 2025)
HSC **93%** in R. P. Jr. College of Arts , Commerce and Science (2019-2021)
SSC **86%** in St. Anne's. High School (2019)