

Mohit Bhimrajka

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PROFESSIONAL SUMMARY

AI-focused technology student and emerging leader with a strong foundation in AI/ML, Data Science, and Big Data analytics. Currently developing a recommendation engine that ranked in the top 3 among my batch, showcasing innovation and technical excellence. Demonstrated ability to drive efficiency—reducing ideation-to-production time by 20% during my GenAI internship at Siemens—while bridging technical insights with strategic business needs.

CORE COMPETENCIES & SKILLS

- **Programming & Data Analysis:** Python (Pandas, NumPy, SciPy, scikit-learn), Jupyter Notebook, Matplotlib, Seaborn
- **Machine Learning & AI:** TensorFlow, PyTorch, LLM integration with Langchain and Ollama (Llama, OpenAI, Deepseek); Generative AI, Prompt Design, Multimodal Prompting
- **Big Data & Databases:** Apache Spark, Hadoop, SQL, NoSQL (MongoDB, Redis)
- **Tools & Platforms:** Docker, JIRA, Google Cloud, Snowflake
- **Soft Skills:** Project Management, Strategic Planning, Leadership, Communication, Critical Thinking

EDUCATION

ATLAS SkillTech University

Bachelor of Technology in Computer Science, AI & ML

Jul 2023 – Jun 2027

CGPA: 9.03/10.00

Relevant Coursework: Machine Learning, Data Engineering & Large-Scale Storage; Data Structures & Algorithms; DevOps & MLOps

PROFESSIONAL CERTIFICATIONS

[Google Prompting Essentials](#) | [Microsoft Office Specialist](#) | [DBT Fundamentals](#)

PROFESSIONAL EXPERIENCE

GenAI Intern, Siemens AG | May 2024 – Jul 2024

- Developed an AI-driven assistant using Python and NLP tools, particularly FAISS embeddings, to enhance search capabilities.
- Integrated LLaMA 3.1 to reduce ideation-to-production cycle by 20%

Data Science Intern, University of Technology Sydney | May 2024 – Jul 2024

- Developed custom PDF generation functionality for a COVID-19 simulation tool.
- Streamlined pandemic data dissemination and designed a user-centric UI/UX for a SEIRDS model web application.

PROJECTS

Recommendation Engine (Ongoing): Building a recommendation engine with Python (Pandas, scikit-learn) and PostgreSQL.

College Counseling App: Developed an app integrating LLMs (Gemma2 & LLaMA 3.2) to streamline internship applications.

Interactive CNN Demo: Created an interactive CNN demo using Keras and the MNIST dataset for real-time visualization.

Housing Price Prediction: Engineered a model with advanced preprocessing, PCA & outlier handling, achieving an RMSE of 0.106.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Vice President, STAGE (Cultural Club)

Aug 2024 – Present

- Oversee cultural initiatives and coordinate multidisciplinary teams to execute high-impact events at the university.

Community Lead, Code Vipassana (Empowered by Google Cloud)

Mar 2024 – Present

- Organized technical workshops and community events, fostering collaboration and knowledge exchange among peers.

Contingent Leader, College Funbaazi 3.0

Oct 2024 – Nov 2024

- Directed a team of over 230 participants in a competitive event, achieving top placement and bolstering college representation.

President, Technical Student Council (ATLAS SkillTech University)

Jun 2023 – Feb 2025

- Managed the college's largest tech hackathon in partnership with MumbaiTech & GDG MAD, earning a Guinness World Record.

AWARDS & ACHIEVEMENTS

SAT Math Excellence — Scored 740/800, demonstrating outstanding quantitative aptitude.

ATLAS Achievers Award — Recognized for exceptional leadership and technical contributions.