MOHIT BHIMRAJKA

AI-Focused Student with a Passion for Project Leadership

PERSONAL PROFILE

Results-driven tech project lead with a solid foundation in AI and machine learning. Proficient in research, data analysis, and algorithm design. Skilled in developing solutions that enhance efficiency and drive growth. Adept at building strategic partnerships and understanding market trends. Experienced in project management, stakeholder management, and team leadership. Seeking to leverage academic and professional experience to contribute to a dynamic organization.

SKILLS AND ABILITIES

- Research & Data Analysis
- Leadership & Strategic Planning
- Project Management & Algorithm Design
- Effective Communication
- Problem-Solving & Critical Thinking

TECHNICAL TOOL KIT

- Python : Advanced
- SQL / NoSQL : Intermediate
- Google Cloud : Intermediate
- Statistical Analysis : Intermediate
- Power BI : Beginner

CERTIFICATION/COURSES

- Data to AI with Gemini
- Microsoft Office Specialist
- DBT Fundamentals

CO-CURRICULARS & ACHIEVEMENTS

- **Director of Volunteers**, Parijat Industries : Led 150+ volunteers in the "Back to School Initiative," supporting 300+ students with educational supplies and tutoring.
- **SAT Math Excellence**: Achieved a score of 740/800, exhibiting strong quantitative skills.

PROJECTS

- **Housing Price Prediction**: Achieved RMSE of 0.106 with dimensionality reduction and outlier handling, improving predictive accuracy by 93.5% over traditional models.
- **Stock Market Analysis**: Developed a simulated annealing model for portfolio optimization, leveraging 8 financial ratios for robust stock performance.
- **Manufacturing Optimization**: Implemented four strategies to enhance alloy production efficiency by 22% and reduce costs.
- **Securing Generative Intelligence**: Analyzed security risks of GPT-3 and proposed multi layered safeguard and policy recommendations.

INTERNSHIP EXPERIENCE

GenAI Intern

Siemens AG | May 2024 – Jul 2024

- Developed an AI-powered assistant using Streamlit, NLP models, and FAISS embeddings, enabling dynamic query handling and solution comparison through an intuitive web interface.
- Collaborated with the GenAI team on the FactoryGPT project, developing custom GPT models and integrating LLaMA 3.

Data Science Intern

University of Technology Sydney | May 2024 – Jul 2024

- Designed and developed the complete UI/UX for the SEIRDS model web application, enhancing user engagement and accessibility.
- Engineered custom PDF generation capabilities for a COVID-19 simulation tool, significantly improving the dissemination of critical pandemic response strategies.

ACADEMIC PROFILE

ATLAS SkillTech University	CGPA : 8.91
Bachelors in Technology in CS, AI & ML	Jul 2023 – Jun 2027

POSTION OF RESPONSIBILITY

Volunteer

ATLAS Placement Cell	Aug 2024 – Present

Vice President

STAGE (Cultural Club)	Aug 2024 – Present

Class Representative(2024)

ATLAS SkillTech University	Aug 2024 – Present

Community Lead

CODE Vipassana (Empowered by Google Cloud)	Mar 2024 – Present

Co-ordinator

ROTARACT Club of ATLAS SkillTech	Aug 2023 – Aug 2024

Class Representative(2023)

ATLAS SkillTech University	Aug 2023 – Aug 2024

Manager

GANDHI The Musical	May 2024 – Aug 2024

Head of Department for Outreach & PR

ILLENIUM	Oct 2023 – Mar 2024

President

UGDX Student Council	Aug 2023 – May 2024

Head of Sponsorship & Resource Management

F1 in Schools World Championship	Apr 2018 – Jul 2019