

LATIKA LILADHAR DEKATE

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SUMMARY

Dedicated Data Science, Analytics, and Engineering (Electrical Engineering) student with a strong work ethic, creative mindset, and commitment to teamwork. Building upon a solid foundation from my Electronics and Telecommunication Engineering background, I have developed analytical and problem-solving skills that complement my passion for data-driven technologies. Enthusiastic learner with a keen interest in cloud computing, machine learning, and data science. Eager to leverage my technical background to advance my skills and explore further studies in data science, analytics and electrical.

EDUCATION

MASTERS IN DATA SCIENCE, ANALYTICS AND ENGINEERING (ELECTRICAL ENGINEERING) January 2025 - Present
Arizona State University, Tempe, Arizona

BACHELORS IN ELECTRONICS AND TELECOMMUNICATION ENGINEERING August 2020 - June 2024
S.I.E.S. Graduate School of Technology, Nerul, India 3.71 GPA
Bachelor's Degree with Honours in Artificial Intelligence and Machine Learning.

TECHNICAL SKILLS

- **Programming Languages:** Python, C/C++, HTML, CSS, SQL, Arduino IDE, JavaScript, D3
- **Tools & Technologies:** Tableau, Google Cloud
- **Electronics:** Soldering, PCB Design, Microcontroller Programming
- **Soft Skills:** Leadership, Problem Solving, Effective Communication, Team Collaboration, Project Management
- **Other Skills:** Data Analysis, Machine Learning, SEO Optimization, Cloud Computing

EXPERIENCE

• **ML & DS Coordinator, Google Developer Student Clubs** July,2022 – April,2024
S.I.E.S Graduate School of Technology, Nerul, Maharashtra, India
- Managed correspondence and event logistics, ensuring smooth communication and coordination.
- Provided administrative support to organize workshops, mentoring sessions, and competitions.
- Learned to effectively manage and coordinate large-scale technical events, enhance leadership and teamwork skills, and improve public speaking and mentorship abilities.

• **Image Processing and Machine Learning using Python Internship** June,2022 – July,2023
S.I.E.S Graduate School of Technology, Nerul, Maharashtra, India
- Implemented machine learning models for real-world image processing projects using Python.
- Optimized algorithms to improve processing efficiency and accuracy in outputs.
- Gained experience in feature extraction, image classification, and deep learning techniques, strengthened Python programming skills, and gained practical experience in model optimization.

• **SEO Intern, Help for Coders** December,2021 – April,2023
Navi Mumbai, Maharashtra, India
- Conducted keyword research to optimize website content for improved search rankings.
- Analyzed traffic and performance metrics using SEO tools, leading to increase in site visits.
- Developed expertise in SEO strategies, data analysis using SEO tools, and digital marketing techniques.

ACADEMIC PROJECTS

- **Multi-Layered Microstrip Antenna (Hardware Design)**
- Created an innovative antenna for Wi-Fi applications as part of the final-year project.
- Conducted simulations and performance analysis to optimize gain, bandwidth, and efficiency.
- Acquired practical knowledge of electromagnetic simulations, PCB design, and performance optimization, reinforcing my expertise in hardware prototyping and wireless communication systems.
- **Credit Card Fraud Detection (Machine Learning)**
- Developed a basic predictive model using supervised learning algorithms to identify fraudulent transactions.
- Implemented logistic regression, decision trees, and random forests to compare model performance and improve fraud detection accuracy.
- Gained hands-on experience in data preprocessing, feature engineering, and model evaluation, enhancing my proficiency in fraud analytics and machine learning techniques.
- **Attendance System (Cloud Computing)**
- Designed a cloud-based automated attendance system for secure access.
- Strengthened my understanding of cloud infrastructure, authentication mechanisms, and real-time database integration, improving my skills in cloud-based application development.

EXTRA CURRICULAR ACTIVITIES

- **Dance Club Leader**
S.I.E.S Graduate School of Technology, Nerul, India [January,2021 – June,2024]
- Coordinated schedules and managed member communications, showcasing strong organizational skills.
- Provided a welcoming and professional environment for members and visitors.