

Nithin

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Career Objective

Passionate Artificial Intelligence and Machine Learning Engineer with experience in developing and optimizing machine learning models. Eager to collaborate with a team to tackle complex challenges and contribute to cutting-edge projects. Committed to continuous learning and applying emerging AI technologies to achieve organizational goals.

Education

- Alva's Institute of Engineering and Technology** Pursuing
Bachelor of Engineering in Artificial Intelligence and Machine Learning CGPA: 9
- Govt PU College, Venoor** 2019 – 2021
Department of Pre-University Education Percentage: 82
- Govt High School, Padangady** 2018 - 2019
Secondary School Leaving Certificate Percentage: 90.88

Skills

Programming Languages

Python, C, MySQL, HTML5, Java

Developer Tools

Jupyter Notebook, VScode, IDLE

Data Science and Machine Learning

Numpy, Matplotlib, Seaborn, Pandas

Soft Skills

Team-Work, Leadership, Communication

Internships

Artificial Intelligence, Machine Learning and Deep Learning (Dec 2022 - Jan 2023)

Completed an internship organized by the Indian Institute of Information Technology, Allahabad (IIITA). Covered the basics of AI, ML and DL with practical Python sessions, gained hands-on experience in implementing several ML models.

Social Connect through Field Visit (Oct 2023 - Nov 2023)

Completed Social Connect through Field Visit internship at Comed Kares Center, Mangalore. I conducted field visits to assess air quality, analyzed data to identify pollution sources, collaborated with local authorities, and proposed practical solutions to mitigate air pollution.

Data Science Hybrid Internship (May 2024 - July 2024)

Developed practical expertise in AI/ML, focusing on Python, Supervised and Unsupervised Learning, Recommendation Systems and NLP. Gained hands-on experience through both online and offline components, applying cutting-edge techniques in real-world scenarios.

Projects

Airline Database Management System

Created a system for managing flight bookings and information storing. I developed the backend using SQL, designed the frontend with HTML5, CSS, JavaScript and implemented system logic with PHP. The system includes real-time updates and secure payment processing.

Air Quality Improvement System

Worked on a project focused on an Air Quality Improvement System. My tasks included designing the system, integrating water filtration, managing plant growth and analyzing the results. The system effectively enhanced air quality.

First Aid Chatbot

Developed a chatbot that provides quick and accurate first aid advice using natural language processing. I designed the chatbot's conversation flow, implemented NLP techniques and created a user-friendly web interface to assist in emergencies.

Certifications

- Certified in the **Salesforce Virtual Internship** Program.
- Certified in **Advanced Java Programming** by Codechef
- Certified in **Artificial Intelligence** by Infosys Springboard
- Certified in **Basic Programming and Data Structures** by Codechef

Achievements

- Conducted theory and practical sessions on the fundamentals of Python for high school students, enhancing their understanding and interest in programming.
- Guided teams during a college hackathon, fostering innovative solutions within tight deadlines and promoting collaborative problem-solving skills.

Declaration

To the best of my knowledge and belief, everything of the information listed above is accurate.

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