

PARINITH

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Summary

Driven Machine Learning Intern with a strong foundation in **AI&ML**, **software development**, and **web development**. Demonstrated success in creating high-accuracy models and pioneering innovative AI solutions.

Education

Manipal Academy of Higher Education

B.Tech in Computer Science (AI/ML)

2022 - 2026

Bangalore, Karnataka

Technical Skills

Languages: Python, Java, C, JavaScript, MySQL, C++, HTML, CSS

Web Development: MongoDB, React.js, Next.js, Node.js, GraphQL, FastAPI, Flask, Prisma, Pinecone, Vercel SDK

Tools: VS Code, Eclipse, AWS, Git/GitHub, Gemini API, OpenAI API, Hugging Face, Jupyter notebook, Streamlit, Linux

AI/ML: Machine Learning Algorithms, Deep Learning, CNN, NLP, OpenCV, Langchain, TensorFlow, Keras, Scikit-learn

Experience

Oasis Infobyte

June 2024 – July 2024

Machine Learning Intern

Bangalore, Karnataka

- Designed and implemented a deep learning model to classify brain tumors, achieving 92% accuracy; significantly improved diagnostic accuracy and reduced error rates in clinical settings by 15%.
- Applied advanced CNNs to enhance image analysis precision, improving diagnostic capabilities by 30%.
- Innovated methods for accurate identification and classification of tumor types from medical imaging data.

Nexus Info

May 2024 – June 2024

AI/ML Intern

Bangalore, Karnataka

- Architected intelligent chatbots using NLP models from Hugging Face, accelerating user interaction by 35% and increasing customer retention.
- Applied automation techniques that reduced response time by 30% and boosted customer satisfaction by 20%.
- Used Python and TensorFlow to create responsive chatbot interfaces, enhancing engagement and real-time query resolution by 25%.

Cisco Networking Academy

April 2024 – June 2024

Network Engineer Intern

Bangalore, Karnataka

- Innovated and deployed IoT solutions for networked devices, achieving a 20% gain in operational efficiency by integrating predictive maintenance algorithms and optimizing resource allocation across multiple platforms.
- Applied Cisco networking protocols to optimize IoT network performance, resulting in a 15% reduction in downtime.

Projects

Lip Reader Application | Deep Learning model | Deployed Link | Github Link

July 2024

- Developed a deep learning model for a lip reading application, achieving an 85% accuracy rate in speech recognition, reducing communication errors by 20%.
- Utilized advanced computer vision algorithms to interpret lip motions, enhancing real-time speech detection by 30%.
- Managed the project's development and deployment, reducing time-to-completion by 25% while proving its effectiveness across various environments.

Multi-Risk Detector | Machine Learning Application | Deployed Link | Github Link

June 2024

- Engineered an application enabling users to input data and predict disease risk with 90% accuracy using advanced machine learning models for breast cancer, tumors, heart disease, and diabetes.
- Integrated diverse ML algorithms, enhancing prediction precision by 25%.
- Created interactive visualizations for presenting prediction outcomes, increasing user comprehension by 20%.

AI Multi-media Content Creator | Full Stack Web Application | Deployed Link | Github Link

May 2024

- Built a dynamic AI content creator with 20 unique templates, streamlining multimedia content creation by 40%.
- Leveraged the Gemini API for personalized content, enhancing engagement and user satisfaction by 30%.
- Achieved a 35% increase in content creation efficiency through innovative AI-driven features, enhancing user productivity and satisfaction.

Certifications

Deep Learning Specialization Certification - Deep Learning

2024

IBM Machine Learning Specialization Certification - IBM

2024

Meta Frontend Developer Specialization Certification - Meta

2023

Oracle Database Management Certification - LearnQuest

2023