

PRATHYUSH N M

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SUMMARY

Aspiring Software Engineer with a B.Tech in Artificial Intelligence & Data Science, skilled in Python, TensorFlow, Scikit-Learn, OpenCV, PyTorch, and Data Analytics. Experienced in Computer Engineering, AI Engineering, Robotics Engineering, and Technical Mentorship. Seeking a full-time role to apply expertise and drive innovation in software development.

EDUCATION

B.Tech, Artificial Intelligence & Data Science

APJ Abdul Kalam Technological University

Graduating

7.62 CGPA

M E S College of Engineering (MESCE), Malappuram, Graduation Year = 2024

• Relevant coursework: Data Structures and Algorithms, Python for Machine Learning, Design and Analysis of Algorithms, Big Data Analytics, Deep Learning for Signal & Image Processing, Full Stack Development

TECHNICAL SKILLS

Data Analysis and Statistics: R, Excel, Power BI

AI and Data Science Tools: Python, TensorFlow, PyTorch, SQL, Microsoft Office

Programming: Python, C, C++

Certifications: AI-102: Azure AI Engineer Associate - Jun 2024, AI-900: Azure AI Fundamentals - Dec 2023

PROFESSIONAL EXPERIENCE

Inker Robotics, Thrissur, KL: Associate Robotics Engineer Trainee

Jun 2024 – Present

- Led the AI development of the RoboPark project, with support from the Chief Minister of Kerala and local officials
- Implemented robotics solutions, driving project success and regional recognition in Thrissur

FutureSkills Prime, Hybrid: Azure Cloud Engineer Intern

Jan 2023 – Mar 2023

- Developed and deployed Azure cloud solutions to optimize system performance
- Assisted in configuring and managing cloud infrastructure, ensuring reliability and scalability

PROJECTS

Nexus.AI: An AI-based Answer Sheet Evaluation System

Apr 2023 – Feb 2024

Developed a web-based system to automate the evaluation of subjective responses using NLP and BERT.

- Designed and implemented NLP-based evaluation techniques, including cosine similarity and sentiment analysis
- Integrated a user-friendly interface for exam creation, response submission, and automated feedback
- Ensured system scalability and accuracy, handling large-scale exams with reduced grading workload

MedBot.AI: Advanced Health Assistance Platform

Jun 2022 – Mar 2023

Developed a health platform integrating food recognition

- Utilized a CNN model to classify Indian cuisine and provide nutritional content (Python)
- Integrated interactive chatbot features and reminder applications for enhanced user engagement
- Designed a user-friendly interface for comprehensive health management

OTHER WORK EXPERIENCE

Gold - Microsoft Learn Student Ambassador, Kerala, India:

Apr 2023 – Sep 2024

- Facilitated workshops and training sessions on Microsoft technologies and AI concepts for students

Mentor - Microsoft MVP Communities, Kerala, India:

Apr 2023 – Aug 2024

- Mentored and supported peers in their technical and professional development, enhancing their skills and career prospects

ACTIVITIES

Chairperson - IEEE Robotics & Automation Society (MESCE):

Jun 2023 – May 2024

- Led multiple initiatives, Managed annual conference participation (250 members, \$1000 annual budget)