SAI SPOORTHI KONKALA

□- github.com/spoorthy26 | □- spoorthikonkala@gmail.com | □- http://www.linkedin.com/in/sai-spoorthi |
□+(91) 9381252784 | □- Andhra Pradesh

PROFESSIONAL SUMMARY

Motivated and detail-oriented Computer Science graduate with a strong passion for Artificial Intelligence, Machine Learning, and Generative AI. Experienced in building full-stack applications, researching emerging AI technologies, and authoring technical content. Seeking opportunities to contribute to innovative AI and software engineering projects through strong analytical skills, continuous learning, and hands-on development experience.

EXPERIENCE

Software Engineer Intern,
Cognizant Technology Solutions Corporation   **01/2025 - 06/2025**

- Developed enterprise-level applications using ASP.NET Core and ReactJS.
- Built a full-stack Online Rental Application with authentication, property listings, maintenance workflows, and secure database integrations.
- Created and connected multiple classes in the Microsoft ASP.NET Core framework and developed the frontend in ReactJS, integrating UI components with APIs to enable smooth user login, data handling, and overall application flow.
- Improved system efficiency and user experience by implementing modular components, clean API contracts and optimized SQL queries

Research Intern,
Asia University, Taiwan   **07/2024 - 08/2025**

- Authored 20+ technical articles on Generative AI applications across healthcare, finance, education, creative sectors, and enterprise use cases. link
- The advancements in Generative AI are widely being adopted in all sectors like healthcare, creative industries, education, finance, e-commerce, game development, design, scientific discovery, the main motive of research is to analyze its scope and ethical concerns and GenAI, being a relatively new and rapidly evolving field, has limited research literature in several domains, making in-depth exploration and evidence-based advancement a significant challenge.
- Conducted academic research, case studies, and industry trends to create concise technical briefs discussing ethical concerns, scalability, privacy, and real-world adoption of GenAI.
- Enhanced research communication by converting complex AI concepts into accessible two-page summaries.

PROFESSIONAL TRAINING

Python Full Stack Development Training,
AchieversIT, Bangalore   **08/2025 - 01/2026**

- Completed a 6 month hands-on, industry-oriented training program focused on full-stack web development.
- Built and worked on full-stack applications using Python, SQL, HTML, CSS, JavaScript, ASP.NET and ReactJS.
- Implemented features that i've previously practiced in an internship such as user authentication, REST API integration, and database connectivity and reinforced the concepts.
- Gained practical experience in frontend–backend integration, MVC architecture, and basic application deployment through real-world use cases.

EDUCATION

B.Tech in Computer Science, Jawaharlal Nehru Technological University, Anantapur
Madanapalle Institute of Technology & Sciences | CGPA: 8.3/10|2025
Key Courses: AI Tools Techniques and Applications, Embedded Systems, Business Analytics and Text Mining using Python
High School (Grade 11 & 12), Narayana Junior College (IPE) | CGPA: 9.5/10 | 2021

PERSONAL PROJECTS

Capstone Project (Part of Python Full Stack Training**)**

AI-Enabled Resume & Job Matching Web Application

- Developed a Python full-stack web application to match resumes with job descriptions using basic AI/NLP techniques

as part of professional training.
- Built backend logic in Python and created REST APIs to process resumes, job data, and generate match scores.
- Designed a simple and responsive frontend using HTML, CSS, JavaScript, and ReactJS and connected it with the backend.
- Implemented user authentication, database connectivity using SQL, and an AI-based feedback feature to suggest resume improvements.

Online Rental Property Management System
- Led the team as Scrum Master, identifying inefficiencies in manual rental management, communication gaps, and limited tenant, owner interactions.
- Built a 5-module system using ASP.NET, SQL Server, and ReactJS, following Agile workflows.
- Implemented role-based access, request tracking, and property listing dashboards for seamless rental operations.

ML based migraine detection
- Addressed early migraine detection challenges caused by subjective reporting and overlapping symptoms.
- Built an ML model trained on features such as medical history, hereditary factors, lifestyle patterns, and symptom frequency.
- Performed feature engineering, data preprocessing, and imbalance handling to improve model accuracy and generalization.

TECHNICAL SKILLS

Languages: Python, C++, C#, C, Java,
Databases: SQL
Web Tools & Frameworks: HTML, CSS, ASP.Net, ReactJS, Blazor

CERTIFICATIONS, AWARDS & CURRICULAR ACTIVITIES
- Certificate of completion on "
- Certificate on **"Google Finance Data Analyst Professional"** in **Coursera**
- Certificate on **"Blazor Deep Dive- From Beginner To Advanced in .NET 8"** in **Udemy**
- Certified, Innovation Member design thinking (Cohort 22) - **Stanford University**
- Secured a prize during workshop on web development - **GMOCS 2023**
- Presented papers on *Green Computing & Intrusion detection system -* **GMOCS 2023**