Manoj Kumar Pentapalli

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Visakhapatnam, Andhra Pradesh, India - 530004
Indian · Male · Unmarried

SOFTWARE DEVELOPMENT ENGINEER

I am a highly motivated and result-driven computer science undergraduate, actively seeking employment within the dynamic realm of Information Technology. With a solid foundation and work experience in Machine Learning, Deep Learning, and Data Analytics, I am well-equipped to take on challenging roles that demand innovation, efficiency, and a commitment to deliver successful outcomes. I can also thrive in cross-functional and collaborative environments, making me a huge value addition to your esteemed organization.

KEY COMPETENCIES

AWS	Keras &Tensorflow	Google Cloud Platform	C++	HTML5	Git	Empathy
Azure	Large Language models	Docker	Java	CSS3	GitHub	Critical thinking
Linux	Generative-AI	Kubernetes	Python	JavaScript	SQL	Leadership

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PROFESSIONAL EXPERIENCE

CloudKarya Inc.   Apr 2023 - June 2023
Machine Learning Intern

- Developed an Application that detects the presence of Retinal Diseases in patients in a non-intrusive way.
- Played a key role in configuring and deploying the app at scale in Google Cloud Platform.
- 25% of development time is reduced by leveraging the use of Docker and Serverless Architecture.
- Observed 30% reduction in waiting time for diagnosis when compared to traditional doctor consultation.

PROJECT

Multi-Language Translation Application under the guidance of Geekl Technologies

- Created a Multi-Language Translation Application that translates the given text into specified languages.
- Used OpenAI's API platform to leverage LLM's and used StreamLit to develop the interface.
- Observed a 30% increase in response-time with the use of "gpt-3.5-turbo" model for translation when compared to popular Translation services.
- The code for the project can be accessed here: Multi-Language-Translation-App

Am also an avid Open Source Contributor : GitHub Profile

EDUCATION & CERTIFICATIONS

Bachelor Of Technology, BTech

Expected Graduation Date:	Apr 2024

Majors: Computer Science And Engineering
Gayatri Vidya Parishad College Of Engineering, Visakhapatnam (GVPCE)
8.83 CGPA

Microsoft Azure fundamentals (AZ-900)	Oct 2022
Google Data Analytics	July 2023
Geekl Project completion Certificate	Oct 2023

EXTRACURRICULAR ACTIVITIES

College Rotaract Club (RACGVP):

Class Rotaract Representative(CRR)   Dec 2021 - Aug 2022
- Organized 15 orphanage visits, 8 awareness campaigns and 2 blood donation drives for my classmates.

Chairman Of Membership Development   Oct 2022 - June 2023
- Campaigned and recruited over 300 new volunteers into the organization.
- Co-led a college-level Arts & Crafts competition which was a resounding success with over 1500 participants.

Treasurer   Aug 2023 - Present
- Currently is an Office Bearer of the organization and managing its finances to sponsor events that instill social responsibility towards students.