

Praveen Kumar Reddy Kukudala

praveenkukudala1@gmail.com | (901)-631-8044 | [Linkedin](#)

Education

Master of Science, Data Science - The University of Memphis, TN (GPA: 3.6)

Expected Dec 2024

B. Tech, Electronics and communication Engineering - Guru Nanak Institutions of Technical Campus, India (GPA:7.6)

June 2021

Technical Skills

Basic Java, Python, Node.js, Typescript, DBMS, HTML, CSS, JavaScript, Angular, React, Linux, Pandas, software development, query optimization, R-programming, scripting, MS-Power BI, MATLAB, AI, Machine Learning, Web development, Natural Language Processing, vue.js, building pixel-perfect user interfaces, MongoDB, Redux, API, Express.js,

Relevant Experience

ITS Technical Assistant, The University of Memphis (Memphis, TN)

March 2024 – July 2024

- Delivered Tier 1 technical support via phone, email, and in person; solved 95% of client inquiries within 24 hours and managed over 200 support tickets monthly, ensuring customer satisfaction.
- Detected and rectified complex hardware/software malfunctions, cutting system downtime by 40%; coordinated with team to deploy solutions enhancing operational efficiency by 25%.
- Directed the creation and deployment of a detailed network strategy alongside IT leadership, ensuring alignment with university goals and compliance standards, which enhanced network reliability by 50%.

Technology Stack: Hardware & Software Management Technical Troubleshooting & Support, Task Management. Technical Support, Customer Service, Ticketing Systems Management, Troubleshooting, Lab Maintenance,

Programming Analyst, Cognizant Tech Solutions. (Hyderabad, Telangana)

Nov 2021 - Dec 2022

- Led the transformation of web (React) and mobile (React Native) applications, enhancing user satisfaction by 45% and reducing feature deployment times by 60%.
- Executed end-to-end project management from design to deployment, ensuring alignment with business goals. Resolved complex issues in a fast-paced environment, increasing project completion rate by 25% and cutting downtime by 50%.
- Orchestrated the integration of product, design, and engineering insights; introduced user-centric features that boosted active user sessions by 30% and decreased churn rate by 15% in one quarter.
- Pioneered the integration of cutting-edge computer vision technologies, elevating product offerings and driving a 15% increase in revenue over the first quarter.
- Performed rigorous code reviews and mentored junior developers, achieving a 20% decrease in code defects and a 35% enhancement in overall team performance through a structured learning environment.
- Facilitated cross-functional meetings, gathering requirements and offering technical insights to improve project timelines; achieved a 20% reduction in project delays, driving consensus and enhancing team collaboration.
- Resolved multifaceted software problems, cutting average resolution time by 60% and enhancing system stability, resulting in a 25% increase in user productivity and satisfaction.
- Standardized Git workflows and documentation practices across the engineering department, resulting in a 40% decrease in integration issues and a 15% improvement in deployment times.

Relevant Projects

E-Commerce Website:

- Architected a comprehensive e-commerce platform using React.js, Node.js, and MongoDB; implemented a Python recommendation engine that enhanced customer personalization, leading to a 35% increase in repeat purchases.
- Built a sophisticated recommendation system using scikit-learn and TensorFlow to tailor user experiences based on interaction data, driving a 45% boost in purchases and a 25% lift in customer satisfaction scores.
- Analyzed Redux for state management and styled components for a modern UI/UX design.

Command Web Platform Enhancement:

- Spearheaded the enhancement of the Command web platform, integrating 15 new features, optimizing load times by 40%, and boosting user engagement by 25% through strategic UX improvements.
- Crafted visually appealing and user-centric interfaces through collaboration with design and product teams; ensured pixel-perfect design and responsiveness, increasing daily active users by 50% and session duration by 20%.

Mobile Application Development:

- Engineered and maintained robust mobile applications using React Native, ensuring seamless performance across iOS and Android platforms, which boosted user retention by 40% and reduced crash rates by 25%.
- Standardized CSS pre-processors, achieving a 30% increase in development efficiency and a 20% boost in overall user experience ratings.
- Other projects based on MERN stack and Python:** Social Media Sentiment Analysis Platform, Automated Task Assignment Tool, AI driven Online Learning Platform.