

## PONNADA KIRAN

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### SUMMARY

I am excited to join a forward-thinking organization that values innovation and invests in the growth of its team members. I am eager to contribute my enthusiasm, dedication, and technical skills to help build cutting-edge web applications and provide exceptional user experiences.

### SKILLS

- ❖ **Java, Data Structures and Algorithms, React.js, Node.js, Express.js, MySQL, MongoDB, Git, Github, Object Oriented Programming, HTML, CSS, Javascript, TailwindCSS, Linux OS, Firebase**
- ❖ **Database Management System, Windows OS, IntelliJ, Visual Studio Code, Python, RESTful API, C/C++, Terminal, Vercel, Operations Monitoring, Cloud Computing**

### EDUCATION

- Master Of Computer Applications | Acharya Nagarjuna University, Guntur 78.6% | 2023
- Bachelor Of Science (Mathematics) | Dr.B.R.Ambedkar University, Srikakulam CGPA: 8.55 | 2021
- XII (Mathematics, Physics, Chemistry) | Samskara Bharathi Junior College, Sompeta 91.3% | 2018
- X (Secondary School Certificate) | Maharshi Vidya Niketan, Sompeta CGPA: 9.0 | 2016

### EXPERIENCE

- ❖ **Web Developer Intern | Alfido Tech** (Jul '2023 - Oct '2023)  
Demonstrated proficiency in the MERN stack while collaborating effectively with a cross-functional team of developers, designers, and project managers in a dynamic and fast-paced environment - React.js, Javascript, Express, Node.js, APIs.
- ❖ **Full Stack Development Intern | Code Help** (Feb '2023 - Jul '2023)  
Actively participated in the development of numerous projects, gaining expertise in Full stack web development, and successfully mastering both frontend and backend tools - HTML, CSS, Javascript, React.js, MongoDB, Express.js, Node.js, TailwindCSS.

### ACADEMIC PROJECTS

- ❖ **Study Notion - A Comprehensive Learning and Teaching Platform**  
A comprehensive ed-tech platform using MERN stack, enabling seamless learning and instructor-student interaction. Implemented RESTful APIs, MongoDB database, and deployed on cloud services for scalability. Designed potential enhancements for a more engaging user experience.
- ❖ **Housing Market Value Estimation - ML based analysis of House Price**  
Developed a model using machine learning, with proficiency in evaluating model performance through MSE, RMSE, and R-squared metrics. Employed cross-validation and train-test splits to ensure robust generalization to unseen data - Python, Flask, Sklearn, Pandas, Numpy, Matplotlib, Gunicorn.
- ❖ **Random GIF - APIs based Visual Content Application**  
Integrated the GIPHY API to fetch and display random GIFs based on user inputs or button clicks, enhancing the application's functionality and content diversity - HTML, CSS, Javascript, React.js, Node.js, TailwindCSS.
- ❖ **Microsoft Teams Clone - Video Conferencing Website**  
Spearheaded the development of real-time communication features, ensuring seamless video conferencing, chat functionality, and collaborative tools. Employed a strategic blend of server-side and client-side technologies to optimize performance and user experience. - Node.js, Express.js, EJS, WebRTC, Socket.IO

### POSITION OF RESPONSIBILITY

- ❖ **Secretary | Programming Club, ANU** (Mar '2022 - Jun '2022)  
Actively participated in the university's programming club, collaborating with peers to solve coding challenges, discuss programming trends, and exchange innovative ideas. Led a team in the development of a web-based application for an intercollegiate coding competition.

### CERTIFICATIONS

- ❖ **Career Essentials In Software Development | Microsoft and LinkedIn** (Apr '2023)
- ❖ **Career Essentials In System Administration | Microsoft and LinkedIn** (May '2023)
- ❖ **Getting Started as a Java Developer | LinkedIn** (May '2023)
- ❖ **LambdaTest Test Automation Professional Certificate | LambdaTest** (May '2023)

### COURSE WORK

- Computer Organization
- Operating System
- Probability and Statistics
- Computer Networks
- Artificial Intelligence
- Data Science with Python
- Cryptography and Network Security
- Data Mining
- Machine Learning