

PRADEEP REKAPALLI

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Software Development Engineer offering **1.5+** year experience delivered and designed web applications which serve **500k+** userbase.

SKILLS

- **Programming Languages and Development:** Python, C++, Java, JavaScript, Angular, React, Data Structures and Algorithms, Object-Oriented Programming
- **Web Technologies and Tools:** JSON, HTML, CSS, Git
- **Systems, Databases and Methodologies:** Linux, SQL, NoSQL (MongoDB), Agile, CI/CD

WORK EXPERIENCE

Kennesaw State University, R2 Doctoral Research Institute

August 2023 - May 2024

Graduate Research Assistant

- Built a text annotator to highlight and extract words from documents. Delivered the project within five months using ReactJS.
- Extracted text from around **600** PDF documents using a text annotator. This data was used to build Named Entity Recognition.
- Collaborated with a team of researchers to collect, organize, and analyze **one million+** data entries.
- Analyzed and cleaned **140,000+** data entries required for the training model, Improving model performance by **19.23%**.
- Predicted crime trends for two counties with **88.74%** accuracy using a **Logistic Regression model**.

Infosys, Global Technology Company

June 2022 - July 2023

Software Development Engineer

- Enhanced workforce management tool by implementing advanced search and automation features.
- Leveraged my interest and knowledge in algorithms, along with previous project experience in search engine development, to secure a critical project.
- Optimized search efficiency by **8%** through navigation refinement, indexing, caching, and suggesting previous search data.
- Developed and implemented automation features such as Payroll, Leave and Attendance, Employee Data, etc., eliminating **six** manual actions and saving **1.25** hours per employee weekly.
- Accelerated development by **11%** through creating reusable React components, enhancing team efficiency.
- Reduced reliance on external workforce management tools, saving **\$2,700** annually.

SriTech, Startup

November 2021 - May 2022

Software Engineer - Frontend

- Designed and developed web pages for the Art of Living Organization, serving **0.8 million** active users using ReactJS.
- Boosted user engagement by **30%** by developing high-fidelity wireframes and prototypes for Desktop using **Adobe XD**.
- Increased user accessibility by **34%** and reduced bounce rate by **14%** by integrating support for **25 languages** with AWS Machine Translate.
- Eliminated around **five hundred** manually typed duplicate pages by implementing a machine translation feature.

CountryMan, Startup

December 2019 - October 2020

CEO & Founder

- Founded and led an e-commerce website for farmers to sell their products, eliminating intermediary vendors.
- Implemented a scalable tech stack using **MEAN**, ensuring **88.78%** uptime and supporting nearly **200,000** concurrent users.
- Conducted intensive survey research for **two months** to design the platform according to farmers' and everyday users' needs.
- Developed APIs to integrate with local weather services and market price databases, providing farmers real-time data to optimize pricing and harvesting decisions.
- Secured **5,30,000 INR** in funding from local business leaders and arranged transportation support for one region.
- Established and negotiated relationships for three regions of farmers for an initial **six months** of the deal.

EDUCATION

Kennesaw State University

Expected Graduation, May 2025

Master of Science in Computer Science (GPA: 4.0)

Relevant coursework : Advance Algorithm Development, Artificial Development, Machine Learning, Compiler Design.

Jawaharlal Nehru Technological University

June 2018 - May 2022

Bachelor of Technology in Computer Science (GPA: 3.4)

Relevant coursework : Operating System, Software Development Life Cycle, Computer Network, Data Structure and Algorithm.

INVOLVEMENT

The Art of Living Foundation, Global Humanitarian Organization

July 2018 - Present

MEDITATION INSTRUCTOR & COMMUNITY LEADER

- Organized and led meditation sessions for **1300+ individuals**, including during **COVID-19**.
- Facilitated leadership development programs for **150+ individuals**, enhancing team building and communication skills.

ACHIEVEMENTS

- Organized a **1,500**-participant Yoga event in 2022, secured **890,000 INR** in funding, and executed marketing strategies that reached an audience of **150,000+**.
- **Dean's 4.0 Club awardee (Top 5%) (x2)** for good academic performance, specializing in Machine Learning , Database Management.
- Actively contributed to the university's Computer Science Society, organizing two coding competitions for over **800+** participants.