

Kedhar Nadh

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SUMMARY

- Looking for a software engineering position where I can use my background in full-stack development and data-driven problem-solving techniques to produce significant solutions that will enhance user experience and system efficiency.

SKILLS

- System Design, Database Management Systems (DBMS), Machine Learning, Natural Language Processing (NLP)
- **Languages:** Java, Python, C#, SQL
- **Backend Development:** JavaScript, Node.js, Express.js, C#, Entity Framework, ASP.NET
- **Frontend Development:** React.js, JavaScript, Tailwind CSS, Bootstrap, HTML, CSS
- **Databases:** MongoDB, MySQL, MS SQL Server, Hive, HBase
- **Miscellaneous:** Git, Docker, Web API, NumPy, Pandas, Matplotlib, NLTK, Log4net, VS Code, Visual studio
- **Soft Skills:** Leadership, Writing, Time Management, Team collaboration

EXPERIENCE

- **Software Engineer - North South GIS, Hyderabad** Mar 2023 - Jul 2024
 - *Junior Software Developer*
 - **Project: Vasavi Trust (Link):** Engineered an application for Vasavi Trust, enabling administrators and donors across multiple branches to manage operations, access real-time reports, and streamline resource allocation and room bookings.
 - * **Room Booking System:** Led the development of a room allocation and booking platform, improving user experience by automating 90% of manual processes.
 - * **Real-Time Reporting:** Designed features for real-time updates on room availability and bookings, reducing errors 80%.
 - * **Concurrency Control:** Enhanced system reliability with optimistic concurrency control, ensuring 100% accurate bookings during high-traffic periods.
 - * **Tech Stack:** C#, ASP.NET Web API, JavaScript, jQuery, MS SQL Server, Twilio, HTML, CSS, Bootstrap
 - **Project: BSES LT Network Change Management:**
 - * **OTP Services:** Developed OTP-based login and registration services, leading to a 70% reduction in customer service issues related to login.
 - * **Automated Logging System:** Created an API-based logging system into the Oracle database, reducing production level debugging time by 90%.
 - * **Tech Stack:** C#, ASP.NET Web API, MS SQL Server, Twilio, Oracle DB

PROJECTS

- **LMS using MERN (Link):** Developed a full-stack Udemy-like LMS clone with the MERN stack, Shadcn UI for components, Cloudinary for media storage, Tailwind CSS for styling, and token-based authentication. Integrated PayPal payments, course filters for easy access, and additional features to enhance the user experience for both instructors and students.
- **Sentiment Analysis on Code-Mixed Data:** Developed a BiLSTM model to classify sentiment in code-mixed (English-Telugu) data, achieving 74% accuracy on labeled datasets using Label-Studio and Doccano for data annotation, significantly enhancing sentiment classification capabilities.
- **Identification of Human Values Behind Arguments:** Designed a system to categorize human values in natural language arguments, which improved argumentation technology and bridged disagreement gaps, achieving a 65% F1-score.

CERTIFICATIONS

- System Design, from iNeuron ([Link](#))

EDUCATION

- **RGUKT Nuzvid (IIIT)** Andhra Pradesh, India
 - *Bachelor of Technology - Computer Science and Engineering; GPA: 9.1* May 2019 - Apr 2023
- **RGUKT Nuzvid (IIIT)** Andhra Pradesh, India
 - *Pre-University Course - MBIPC; GPA: 7.8* May 2017 - May 2019
- **S K B Z P High School, Ganapavaram** Andhra Pradesh, India
 - *SSC; GPA: 10.0* May 2016 - Apr 2017

PARTICIPATION & PRESENTATIONS

- **National Service Scheme (NSS)**
 - *Team Leader* May 2018 - May 2020
- Secured 3rd place in a PowerPoint Presentation conducted by SDCAC, IIIT Nuzvid

HOBBIES

- Bhagavad Gita Reading, Yoga, Listening to Music, Cooking