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: Take Note**:
    * **Note-Taking Application**: Created a public and private note-taking app for writers, implementing password protection and sharing features, benefiting hundreds of employees.
    * **Optimized Note Creation Process**: Reduced note creation time by 70% through optimized database queries and improved URL-based note management.
  - **Tech Stack**: JavaScript, Node.js, Express.js, CKEditor, SQL Server, HTML, CSS, Bootstrap

- **Project: Vasavi Trust**: 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 debugging time by 90%.
  - **Tech Stack**: C#, ASP.NET Web API, MS SQL Server, Twilio, Oracle DB

PROJECTS

- **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 with Design Patterns, 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, Running, Listening to Music, Playing Carrom, Cooking

in : kedharnadhg   ⊙ : KedharNadhG