NIKHIL REDDY EDUNURU

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PROFESSIONAL SUMMARY

A results-driven Full-Stack Developer with **4+ years of experience** in building cloud-native and AI-powered solutions. Proficient in **TypeScript, React, Java, Python** and microservices architecture. Skilled in **Agile development**, delivering scalable and efficient software solutions that **optimize workflows** and improve team productivity. Passionate about integrating cutting-edge **AI technologies** into **user-centric designs**. Winner of India's Biggest Hackathon, **"Smart India Hackathon."**

EDUCATION

University of South Florida   **January 2023 - December 2024**
Master's, Computer Science   *GPA: 3.85*

PROFESSIONAL EXPERIENCE

University of South Florida   **Tampa, FL, USA**
Application developer Internship   *January 2024 - December 2024*
- Optimized database systems using MS SQL, ensuring high data accuracy and performance.
- Developed and enhanced internal applications using C#, improving workflow automation by 30%, saving over 150 hours.
- Created technical solutions for data-driven decision-making, boosting system efficiency by 20% and reliability using

ServiceNow   **Hyderabad, Telangana, India**
Software Engineer   *July 2019 - December 2022*
- Designed custom low-code solutions, reducing application development time by 40% and deployment of 50+ applications.
- Achieved 30% time reduction in development with optimized coding practices.
- Led the integration of Microsoft Teams plugins, improving IT team delivery by 60%.
- Automated regression testing using Selenium and ATF, and ensuring 95% defect-free releases.
- Spearheaded user-friendly self-service portals, resulting in a 20% reduction in support tickets, saving 2,000+ hours annually.
- Collaborated on scalable front-end development using React.js, JavaScript, and Java.

PROJECTS

My Forms   **Hyderabad, TG, India**
Software Engineer   *2021 - 2022*
- Contributed to the development of an intuitive form builder, improving form creation efficiency by 25%.
- Integrated email notifications for streamlined communication, reducing response times by 20%.
- Designed a dashboard for managing submitted forms, enhancing user experience and data accessibility.

Deep Learning State Classification   **Tampa, FL, USA**
Intern   *2024 - 2024*
- Designed a convolutional neural network for fine-grained object state recognition.
- Applied machine learning techniques for classifying states of cooking objects, aiding robotic automation.
- Achieved accurate recognition by leveraging advanced ResNet models and FOON representations.

IMDB Search Enhancement Using Large Language Models   **Tampa, FL, USA**
Project   *2024 - 2024*
- Built a fully functional movie database platform with advanced search, filtering, and social features using Neo4j.
- Integrated RESTful APIs for seamless interaction between frontend and backend, enhancing user experience.
- Implemented advanced search filters and personalized recommendations using machine learning techniques.

SKILLS

Programming Languages: Agile Methodologies, Software Testing, Data Structures & Algorithms, JavaScript, Java, C#, Python
Web Development: React.js, Node.js, AngularJS, HTML/CSS, OpenGL, webgl, Pytorch, Express.js, Next.js
Database Systems: SQL, MongoDB, PostgreSQL, NoSQL
Tools & Frameworks: Docker, TensorFlow, PyTorch, Selenium, Tensorflow, Docker, lambda, OAuth2.0