PRANATHI NEERUDU

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EDUCATION

Master of Computer Science, Indiana University   Expected Dec - 2023
Indiana, USA.   3.82/4 GPA

Bachelor of Computer Science, Osmania University   2016 - 2020
Hyderabad, India.   8.77/10 CGPA

SKILLS

Languages and Web:	C, Java, Python, Typescript, JavaScript, RestAPI, HTML, CSS3, NodeJS
Databases and Frameworks:	Angular, React, SQL, MongoDB, Neo4j, NoSQL, MySQL
Tools/Technologies:	GitHub , Figma, Storybook, CI/CD, Microservices, AWS, SDLC

EXPERIENCE

Part-time Angular Developer - CNS, Indiana University, Bloomington - IN   Feb 2023 - April 2023

- Developed reusable UI components for CNS's internal web applications, reducing development time by 25%.
- Conducted thorough unit testing using Storybook, leading to a 40% improvement in interface performance and a 15% decrease in bug occurrence.
- Tech Stack: Angular, HTML5, SCSS, Storybook, Figma.

Application Development Associate - Accenture, Hyderabad - India   Dec 2020 - Dec 2021

- Contributed to the development of various full-stack web applications and created User Interfaces (UI) that fulfilled specific front-end requirements and integrated with back-end services to manage data asynchronously to achieve a 55% increase in code efficiency.
- Constructed and executed comprehensive testing plans for cloud-based security solutions, resulting in a 60% reduction in bugs identified during production.
- Optimized application performance by implementing agile development methodologies, resulting in a 40% improvement in overall system response time. Collaborated with clients to troubleshoot technical issues during deployment and production.
- Tech Stack: HTML5, XML, CSS3, JavaScript, Java, Angular.

Web Developer Intern -CloudSeals Pvt Ltd, Hyderabad - India   May 2019 - July 2019

- Worked with various programming languages within the web design team responsible for in-house applications to improve the onboarding speed of new employees by 28%.
- Spearheaded the implementation of Cloud Computing techniques to ensure smooth deployment of the HRMS system, resulting in a 50% increase in system uptime and reducing downtime by 30%.
- Tech Stack: XML, Java, NodeJS, JavaScript, AWS.

PROJECTS

Astrowhriled - Interplanetary Travel Reservation System
Created UI/UX MEAN web application with API integration for ticket booking services and making payments, leading to a 40% improvement in the user conversion rate and a 25% decrease in checkout abandonment.Integrated Google Maps to show routes and locations, resulting in a 25% increase in user engagement and a 20% decrease in the time spent searching for travel destinations. (Demo)

Online Teaching Website
Implemented and customized Moodle site for online teaching, incorporating interactive features like forums, quizzes, and assignments. Managed course content organization, user roles, and permissions for effective student progress monitoring. Provided technical support for a secure and engaging online learning environment.