SRI CHANAKYA CHOWDARY BABU YENNANA

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EDUCATION

Master of Science, Computer Science   August 2022 - May 2024
The University of Texas at Dallas, United States   ***GPA: 3.33***
Relevant coursework: Database Design, Machine Learning, Algorithms, Big Data Management and Analytics, Web Programming.
Bachelor of Technology, Computer Science and Engineering   June 2016 - June 2020
GITAM Deemed University, India   ***GPA: 3.8***
Relevant coursework: Operating Systems, OOP in JAVA, Data Structures in C, Database Management Systems, Compiler Design.

PROFESSIONAL EXPERIENCE

Accenture Solutions Private Limited, Hyderabad, India   August 2020 - June 2022
Associate Software Engineer (ASE)

- Developed an automation tool using Python and Node.js. for William Demant POS application, resulting in the differentiation 61 different reports across Europe, America, and Australia regions for 191 stores, leading to a reduction in manual efforts by 70%.
- Worked as a .NET developer for DM, CRM, AX, and POS applications for William Demant and successfully delivered 9 CR's, which improved the application performance by 20%.
- Designed and implemented 491 automation test cases for DM and CRM web applications, that resulted in a 50% reduction in testing time and a 60% increase in test coverage. Recognized as the best performer of the month for this achievement.
- Developed automation test scripts using Selenium (C#) and executed over 7400 scripts during the tenure, which led to a 75% reduction in testing time and an overall increase in product quality.
- Collaborated with Hearing Aid team to provide support for users and resolved 291 remedies, resulting in a 90% improvement in customer satisfaction ratings.

Defense Research & Development Laboratory (DRDL), Hyderabad, India   April 2019 - June 2019
Summer Intern

- Spearheaded the development of Message Level Simulator using web technologies, which resulted in a reliable and scalable solution for monitoring the health of systems in use.
- Successfully implemented WebSocket's as the protocol for Message Level Simulator, which led to 30% increase in system response time and 40% improvement in data transfer speed, ensuring real time communication between systems.
- Executed end-to-end tests to validate functionality of Message Level Simulator, which reduced the downtime by 60%.
- Collaborated with cross-functional teams to integrate the Message Level Simulator with the existing systems leading to a 50% increase in data accuracy and 20% improvement in system performance.

ACADEMIC PROJECTS

Portfolio using React   May 2023 - June 2023

- Crafted a dynamic personal portfolio website utilizing React.js, featuring comprehensive sections on my educational background, professional experience, skillset, and contact details to facilitate professional connections.
- Engineered a React.js-powered responsive personal portfolio, subjected to rigorous cross-browser compatibility testing and optimization for an intuitive user experience.

Escape Room *(Virtual Reality Project)*   January 2023 - May 2023

- Leveraged Unity 3D engine and C# programming language to design and develop an immersive escape room experience, harnessing the advanced features of Unity for realistic graphics, physics, and interactive gameplay elements.
- Integrated Google Cardboard compatibility into the escape room application, allowing users to enjoy the captivating experience of solving intricate puzzles and challenges within the virtual environment using their smartphones and a simple cardboard viewer.

Personal Customizable Cloud Storage *(Final Year Project)*   August 2019 - March 2020

- Configured secure remote access protocols such as SSH or VPN to ensure the confidentiality and integrity of data transmission between the Raspberry Pi NAS and end-users, enabling secure access to stored files over the internet while safeguarding against unauthorized access or data breaches.
- Implemented network and firewall configurations to restrict access to the Raspberry Pi NAS to authorized users only, employing access control mechanisms such as username/password authentication or IP whitelisting to mitigate the risk of unauthorized access or malicious attacks from external threats.

TECHNICAL SKILLS

Certifications: AZ-900: Microsoft Azure Fundamentals; PL-900: Power Platform Fundamental; Excel Skills for Business: Essentials – Coursera; Advanced React – Coursera.
Tools: Raspberry Pi, Selenium (C#), Unity 3D, Figma.
Programming Languages: C, C++, C#, Java, Python, Swift.
Operating Systems: Windows, LINUX, macOS.
Web Technologies: CSS, HTML, JavaScript, Node.js, React.
Database Technologies: MySQL, MongoDB.

PERSONAL ACCOMPLISHMENTS

SWISH Hackathon by DENZO group - *Team Leader*   August 2019
UNSCO Tech Fest - *Volunteer*   November 2018
IoT Workshop by Texas Instruments - *Organizer*   July 2018