SRI CHANAKYA CHOWDARY BABU YENNANA

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EDUCATION

- **Master of Science,** Computer Science   Aug 2022 - May 2024
  The University of Texas at Dallas, United States   ***GPA: 3.05***
  - Relevant coursework: Database Design, Machine Learning, Design and Analysis of Algorithms, Virtual Reality.
- **Bachelor of Technology,** Computer Science and Engineering   Jun 2016 - Jun 2020
  GITAM Deemed University, India   ***GPA: 3.8***
  - Relevant coursework: Operating Systems, OOP in JAVA, Data Structures in C, Database Management Systems, Compiler Design.

SKILLS

- **Certifications:**   AZ-900: Microsoft Azure Fundamentals; PL-900: Power Platform Fundamental;
                              Excel Skills for Business: Essentials – Coursera; Advanced React – Coursera; Web Developer Bootcamp
                              2019 – Udemy.
- **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.

PROFESSIONAL EXPERIENCE

- **Accenture Solutions Private Limited, Hyderabad, India** *(22 months)*   Aug 2020 - Jun 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   Apr 2019 - May 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

- **Escape Room** *(Virtual Reality Project)*   Jan 2023 - May 2023
  - Designed and developed an immersive VR escape room experience, leveraging knowledge in game design and programming to create a thrilling and engaging challenge.
  - Technology used: Unity 3D game engine, C#.
- **Personal Customizable Cloud Storage** *(Final Year Project)*   Aug 2019 - Mar 2020
  - Created a NAS using Raspberry Pi where end-user can access storage attached to Raspberry pi through internet from anywhere in the world.
  - Board: RPi3, Technology: Python, OS: Raspberry OS.
- **Online Movie Reservation System** *(Web Technologies Project)*   Jan 2019 - Mar 2019
  - Created a model of online platform for users to book their movie tickets.
  - Technology used: HTML, Bootstrap, Node.js, Database: MongoDB.

PERSONAL ACCOMPLISHMENTS

- **SWISH Hackathon by DENZO group** - *Team Leader*   Aug 2019
- **UNSCO Tech Fest** - *Volunteer*   Nov 2018
- **IoT Workshop by Texas Instruments** - *Organizer*   Jul 2018

Eligibility: Eligible to work in the US for internships & full time for up to 36 months.