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## EDUCATION

**Master of Engineering in Computer Science***August 2023 – Present*

Virginia Tech, VT

Falls Church, VA

- *Relevant Coursework:* Software Engineering, Data Structures and Algorithms, Fundamentals of Info Security, Operating Systems, Web Application Development, Ethics & Professionalism

**Bachelor of Technology (B.Tech), Electrical and Electronics Engineering***August 2017 – May 2021*

National Institute Of Technology Warangal, NITW

Telangana, India

- *Relevant Coursework:* Problem Solving and Computer Programming, Data Structures, Probability & Statistics

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## PROFESSIONAL EXPERIENCE

**Senior Member Technical***July 2021 – Jun 2023*

ADP

Hyderabad, India

- Demonstrated a comprehensive understanding of the Software Development Life Cycle (SDLC) by successfully **developing and deploying 3 new features end-to-end** for the company's flagship web application aligning with SDLC principles. This end-to-end process led to a 25% increase in user interaction and a 20% rise in overall user satisfaction.
  - Leveraged expertise in HTML, CSS, and JavaScript to create responsive and visually appealing user interfaces, enhancing the overall aesthetic and usability.
  - Collaborated with cross-functional teams like UX/UI designers to create user interfaces enhancing overall aesthetic usability.
- **Resolved 50 complex technical issues** on the web platform, contributing to a 15% decrease in customer-reported bugs and issues.
  - Employed strong problem-solving skills to diagnose and troubleshoot issues related to cross-browser compatibility, responsive design, and data integrity.
  - Adapted quickly to new technologies like Go for efficient frontend component building expediting the migration process.
- **Automated the performance dashboard scenarios**, reducing the manual efforts of the QA team by 90%.
  - Analyze user stories, develop the required components and execute program scripts and was the point of contact.
- **Participated in agile development methodologies**, attending daily stand-ups and contributing to sprint planning and backlog refinement, and documentation on confluence.
  - Demonstrated effective communication skills and good verbal communication within a cross-functional team environment, ensuring alignment on project goals, priorities, through confluence documentation and product management processes.
  - Engaged in constructive code reviews, providing valuable input to team members and fostering a culture of constant improvement, with documentation of feedback and discussions in Confluence for future reference.
  - Worked closely with cross-functional teams including Product Management and Program Management ensuring timely execution of web optimization strategy.

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## PROJECT EXPERIENCE

LibroMart – A website which is a bookstore where u can add books to your cart and buy books.

- **Methodology:** Designed the user interface (UI) for the application, including pages, components, and layouts, with a focus on providing an engaging and intuitive shopping experience. Implemented a responsive design to ensure a consistent and seamless browsing experience across devices. Developed RESTful APIs to handle requests from the front end. Created endpoints for CRUD (Create, Read, Update, Delete) operations on book data. Set up error handling and validation for API requests, including comprehensive validations for checkout details such as card information, phone number, and order placement.
- **Outcome:** A fully functional web application with a user-friendly interface that works seamlessly on various devices. CRUD operations for books, enabling users to add, edit, view, and delete book information. Secure storage and management of user data and book information in the MySQL database. Implementation of error handling and validation to enhance user experience. It also includes a checkout page with all necessary validations, ensuring secure transactions and smooth order placements.

\* All the other projects have been mentioned in detail with repo links in my portfolio website (link above).

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## SKILLS & ACTIVITIES

- **Programming/Technologies:** React, Springboot, Angular, Selenium, AWS , JAVA, Python, C++, C#, SQL, MongoDB, Docker, Figma, Typescript
- **Technical Skills:** System Design, Jira, Confluence, Automated Tests, Agile, Compliance, Excel, Lean, Slack, GitHub, Maven
- **Key Skills:** Problem Solving, Performance Management, Ethics, Software Development, Cloud Computing, Automation Testing , User Experience, User Research, Git Branching & Merging, Junit, Quality Assurance, Troubleshooting, A/B Testing Strategy, Web Optimization Strategy, Analytical Skills, Front-end Web Development Technologies