

Purna Lokesh Reddy Chimalamarri

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EDUCATION

University of Cincinnati (UC), Cincinnati, Ohio
Master of Science, Information Technology

Anticipated Graduation: Dec 2024
GPA: 3.94/4.00

Tirumala Engineering College, Guntur, India
Bachelor of Technology, Information Technology

Aug 2019- May 2023
GPA: 3.67/4.00

Relevant Coursework: Operating Systems, Database Management I&II, Computer Networking, Web Development, Implication and Fundamentals of IT, Network Security, Infrastructure Management, Info Security/Assurance, Advanced Storage Technologies, Machine Learning and Data mining, Advanced Algorithm's, Human Computer Interaction and Usability.

TECHNOLOGY SKILLS AND COMPETENCIES

Programming Languages: Experience with, Python, Java, C, HTML (coursework and personal research), SQL, XML, Java Script, React JS.

Operating Systems: Operational knowledge of Windows and Linux Environments; Cloud Storage Platforms

Software: GitHub, Jupyter Notebook

Support: Able to troubleshoot software, hardware, and technical issues

Networking: Knowledge of network configuration, hubs, routers, switches, Ethernet, IP and LAN assembly

TECHNICAL WORK EXPERIENCE

Front End Intern | Just Dial

Nov 2022- Mar 2023

JavaScript, HTML, React.

- Constructed and implemented user-friendly interfaces for just Dial products and platforms, resulting in a 40% increase in user engagement.
- Implemented HTML5 for structuring and presenting content on the web.
- Created web pages using CSS capabilities utilizing Flexbox, animations.
- Developed dynamic web interfaces and UIs leveraging React.js and Angular frameworks to enrich user experience.

PROJECTS

Mini Facebook

JavaScript, Html, React, PHP, MYSQL, GitHub.

- Developed a robust social media platform incorporating user authentication, role-based access control, and secure session management using PHP, JavaScript, and MySQL.
- Utilized a responsive front-end design with HTML and CSS for an improved user experience across devices.
- Designed and implemented RESTful APIs for seamless communication between front-end and back-end systems, ensuring efficient data retrieval and manipulation.
- Implemented advanced security measures, including CSRF protection, password hashing, and SQL injection mitigation through prepared statements, while deploying on an HTTPS server for encrypted data transmission.
- Managed code versioning and collaboration through GitHub, ensuring efficient project management.

LEADERSHIP & EXTRACURRICULAR

Technical Club President, Tirumala Engineering College, Nov 2019 – May 2023

- Organized over 10 technology workshops and talks as President of the IT Club at Tirumala Engineering College, increasing club membership by 30%.
- Led a team of 4 developers to build a web application, overseeing project planning, task delegation, status reporting, partnered with cross functional student groups for efficient teamwork and efficiency by 25%.