# Anirudh Cheruvu

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## Education

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| **University of North Carolina at Charlotte** | Charlotte, North Carolina |
| *M.S. in Computer Science GPA: 3.9/4* | *Aug 2022 - May 2024* |
| **Jawaharlal Nehru Technological University** | Hyderabad, India |
| *Bachelor of Technology in Computer Science GPA: 8.27/10.0* | *Aug 2018 - July 2022* |

## Technical Skills

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| **Languages:** | HTML, CSS, JavaScript (ES5/ES6), Python, PHP, JSON, C, C++. |
| **Frameworks:** | WordPress, **Node.js**, **React.js**, Express.js, **MongoDB**, MySQL, Bootstrap. |
| **Tools:** | **Git**, GitLab, WP-CLI, Figma, Postman, **AWS**, **REST APIs**, Linux, **Docker**. |
| **Skills:** | Front-end, **Agile**, Back-end, Unit testing, Micro-services, CI/CD. |

## Experience

**Cognizant Technology Solutions** — Hyderabad, India
*Web Development Intern* — *Feb 2022 - Jun 2022*

- Completed **400-hour** intensive **front-end web development** training through Cognizant early engagement program, gaining expertise in **MERN** stack (MongoDB, Express, React, and Node.js).
- Developed and maintained front-end components for multiple web applications using React.js, ensuring responsiveness and optimizing performance.
- Collaborated with cross-functional teams to identify and resolve software defects by employing debugging techniques and writing unit tests, resulting in a 15% reduction in overall bug count and enhanced application stability.

**Alltronics Technologies Pvt. Ltd** — Hyderabad, India
*Front end developer* — *Apr 2021 - Dec 2021*

- Developed and customized **WordPress** websites by creating custom themes and modifying existing ones to improve responsiveness, user experience, and site performance.
- Collaborated with clients to gather requirements and provide technical consultation, translating business needs into functional website features and UI/UX elements
- Identified and resolved WordPress site issues, including plugin conflicts, broken links, and CSS/JavaScript errors, to maintain high performance and minimal downtime through consistent maintenance, updates, and code optimization.

## Projects

**GroupSync Chat: Event-Driven Messaging with Polls and Reminders**

- Implemented a real-time group chat application using **React.js**, centered around event-driven chat rooms with advanced collaboration tools such as **polls**, **reminders**, and pinned messages to enhance group engagement and decision making.
- Utilized **react-router-dom** library for smooth navigation, React **Context API** for efficient state management, and **WebSocket** for real-time message updates

**Re-imagine UNCC: Interactive Image Colorization Web Application for UNC Charlotte**

- Designed a **responsive web application** that allows users to upload and perform real-time colorization of historical black-and-white images of the UNC Charlotte campus.
- Fine-tuned a **Stable Diffusion** model on a curated dataset of historical and contemporary images (from the 1960s to the present), resulting in a 12% improvement in FID score over existing solutions. The model accurately restored the campus's vibrant hues and iconic clay theme, enhancing visual fidelity.

## Certifications

- The Complete Web Development Bootcamp from Udemy.
- WordPress : The Complete WordPress Website Course from Udemy.
- Complete Python Bootcamp From Zero to Hero in Python from Udemy
- Ultimate AWS Certified Solutions Architect Associate SAA-C03.