

Manogna Challoyu

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EDUCATION

Oregon State University

Masters of Engineering in Computer Science

Corvallis, Oregon

Sep. 2023 – Mar. 2025

Jawaharlal Nehru Technological University

Bachelor of Technology in Computer Science Engineering

Hyderabad, India

Aug. 2016 – Oct. 2020

EXPERIENCE

Software Engineer I – Research and Advisory Department

FactSet Research Systems Inc.

Nov. 2021 – Sep. 2022

Gachibowli, Hyderabad

- Developed software solutions for web and desktop application using .NET and Vue.js, empowering financial industries with enhanced data analysis for informed decision-making.
- Implemented low latency APIs resulting in a 30% faster portfolio creation for a research application called IRN
- Collaboratively reduced launch time by 50% through code release automation, demonstrating proficiency in agile methodologies.

Full-Stack Developer

Febazmart Infotech Pvt. Ltd.

Oct. 2020 – Nov. 2021

Begumpet, Hyderabad

- Developed a digital vault for storing and organizing WILL-related data, enabling quick access during emergencies
- Implemented a JSON to PDF conversion module, streamlining data documentation and sharing processes
- Led training program for 3 interns, helping them transition to full-time junior developers.

Software Developer Intern

Divergent Consulting Service

Feb. 2020 – Aug. 2020

Manikonda, Hyderabad

- Developed recommendation module that enhanced store visibility and generated personalized deals.
- Created a user behaviour analysis platform with a comprehensive 50+ questionnaire to gather insights from users.

Summer Intern

KaaShiv InfoTech Ltd

Jun. 2019 – Jul. 2019

Chennai

- Scraped and appended different bank credit card details to a CSV file, used matplotlib for data visualization, to calculate and present the best offers for users.
- Offered design and implementation assistance to construct an Energy Management System using C# as a proposal for the Tamil Nadu Electricity Board

Summer Intern

Verzeo Edutech Pvt Ltd.

May. 2018 – Jun. 2018

Manikonda, Hyderabad

- Acquired training on Microsoft Azure tools and VMware and worked on a hands-on project involving data auditing within a banking organisation by utilising SharePoint Online

TECHNICAL SKILLS

Languages & Frameworks: C++, Java, Python, Vue, React, .NET, Node.js, Spring Boot, JUnit

Developer Tools: Git, Postman, Maven, Docker, VS Code, Visual Studio, IntelliJ

Libraries and Packages: NumPy, Matplotlib, Scikit learn, Beautiful Soup, pandas

ACHIEVEMENTS / CERTIFICATIONS

- Above and Beyond Award for excellence in performance at **Febazmart**
- Microsoft Technology Associate in Cloud Computing **Microsoft**
- Reinforcement Learning (IIT Madras) **NPTEL**
- Deep Learning (IIT Kharagpur) **NPTEL**

RELEVANT PROJECTS

- Zeit Care** | *React, PostgreSQL, Node.js* 2020
- Built an application to assist retired citizens by providing personalised medication, dietary, and health monitoring for those needing assistance. Allowed increased access to care and opportunities for individuals to earn by caring for the chosen companion.
- Cyborg** | *Python, JavaScript, MySQL* 2019
- Developed desktop application with a motive to reshape traditional website development by using a trained chatbot that interacts with users and serves as a tool for creating desired web pages with personalised content.
- Equalithon** | *React.js, Node.js, MySQL* 2021
- Managed registration of hackathon teams for three different categories, focusing on addressing technical challenges for local or global organisations.
- Vahaan – Travel Assistant** | *Android Studio - C#* 2018
- Developed and showcased an Android app at a college project expo called INCEPTRA. The app helps college students track buses by providing bus timings and real-time location using the integrated Google Maps API

STUDENT ACTIVITIES

- Web Designing and Technical Lead** Nov. 2020
IEEE Women in Engineering International Leadership Summit, Nagpur 2020
- Led a team of three in creating a website for the summit using WordPress
- Support Developer** Mar. 2020
IEEE Covid Move, IEEE Hyderabad Section
- Developed a website for the IEEE Hyderabad Section's initiative, IEEE COVID Move, within 48 hours of reporting the first COVID case in Hyderabad
 - The website featured a section specifically for showcasing team projects, where individuals contributed ideas to address challenges faced during COVID-19
- Student Network Representative** 2019 – 2020
IEEE Hyderabad Section
- Analyzed all Student Branches in the Hyderabad Section and generated a report to revive inactive ones
 - Developed and maintained a website for Section Student Congress'19 to facilitate registration and submission of ideas from participants
- Chairperson at Women in Engineering – Affinity Group** 2019 – 2020
IEEE – VBIT SB
- Led a team of four in organising and executing various events, seminars, and conferences. Additionally, I initiated campaigns to promote and support women in technology.
- Production Crew** 2018 – 2019
TEDx VBIT
- Procured low-cost, high-quality production equipment, designed the setup, and met all deadlines of individual production tasks resulting in a smooth and seamless execution
- Coordinator** 2016 – 2017
Street Cause VBIT
- Volunteered for "Run for a Cause" event in 2017, which helped in raising funds for Lendiguda village, Adilabad, and successfully brought many participants together, which generated enough funds to support the village