

# Manogna Challoyu

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## EDUCATION

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### Vignana Bharathi Institute of Technology, JNTUH

*Bachelor of Technology in Computer Science Engineering*

Hyderabad, India

Aug. 2016 – Oct. 2020

### Johnson Grammar School, CBSE

*Senior School - Maths, Physics, Chemistry and Computer Science*

Nacharam, Hyderabad

Apr. 2014 – May 2016

## EXPERIENCE

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### Software Engineer I – Research and Advisory Department

*FactSet Research Systems Inc.*

Nov. 2021 – Sep. 2022

*Gachibowli, Hyderabad*

- Designed and developed software solutions for both web, and desktop-based application, using .NET and Vue.js
- Implemented low latency APIs resulting in a 30% faster in portfolio creation for research application called IRN
- Demonstrated proficiency in agile methodologies through active participation in sprint planning, resulting in a 50% reduction in launch time through automation of code release

### Full-Stack Developer

*Febazmart Infotech Pvt. Ltd.*

Oct. 2020 – Nov. 2021

*Begumpet, Hyderabad*

- Developed a digital vault to securely store, and structure WILL-related data to beneficiaries in emergency situations. Also built a module for converting all the data acquired in JSON format to .pdf
- Trained in AWS tools that included EC2, IAM, and S3
- Led a new joiner training program for three interns, resulting in their successful transition to full-time junior developer positions

### Software Developer Intern

*Divergent Consulting Service*

Feb. 2020 – Aug. 2020

*Manikonda, Hyderabad*

- Developed a recommendation module for Offerly, a location-based app providing consumers with high store visibility, product availability, insights on the best deals, and precise contextual advertising from retailers
- Led back-end engineering efforts to develop a platform for understanding user behaviour, and created a standard questionnaire of over 50+ questions prior to the launch of the application

### Machine Learning Intern

*KaaShiv InfoTech Ltd*

Jun. 2019 – Jul. 2019

*Chennai*

- Scraped and appended details of different bank credit cards to a CSV file and imported it as a data frame to help calculate the best possible offer for the user by visualizing it using matplotlib
- Offered design and implementation assistance to construct an Energy Management System using C# as a proposal for the Tamil Nadu Electricity Board

### Cloud Computing 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 organization by utilizing SharePoint Online

## TECHNICAL SKILLS

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**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

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

## RELEVANT PROJECTS

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- Zeit Care** | *React, PostgreSQL, Node.js* 2020
- Built an application to assist retired citizens by providing personalized medication, dietary and health monitoring for those in need of assistance. Allowed increased access to care and opportunities for individuals to earn by taking care of 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 personalized content.
- Equalithon** | *React.js, Node.js, MySQL* 2021
- Worked on a website for registration of hackathon teams for 3 different categories, with a focus on addressing technical challenges for local or global organizations.
- 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

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- 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 organizing 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