

HEMANTH BORRA

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EDUCATION

- University of North Carolina at Charlotte (UNCC)** Charlotte, NC, USA
Master of Science - Computer Science August 2024 - December 2025
Courses: Visual Analytics, Artificial Intelligence, Software System Design and Implementation, Database Systems
- Vignan's Institute of Information Technology (VIIT)** Vizag, AP, India
Bachelor of Technology - Computer Science and Engineering; GPA: 8.47 July 2020 - May 2024
Courses: Data Structures, Operating Systems, Computer Networks, Design and Analysis of Algorithms, Database Management Systems

SKILLS SUMMARY

Languages: Python, C, C++, Java **Web Development:** HTML, Javascript, CSS, React.js, Node.js, Django, Flask
Machine Learning: TensorFlow, PyTorch **Cloud Computing:** AWS, GCP **Database:** SQL Server, MongoDB
Data Analysis: SQL, Power BI, Tableau, Pandas **Version Control:** Git, Docker **API:** RESTful APIs, Forge API

EXPERIENCE

- Arth Design Build Private Limited** Hyderabad, India
Script Developer Intern September 2023 – May 2024
 - Optimized data workflows for extracting, cleaning, and transforming 3D model data from Revit into PowerBI, creating in-house visualizations that improved decision-making and enhanced insights for key business partners by 40%.
 - Crafted 5 Revit plugins using JavaScript and Node.js, optimizing data flow between ACC, VCAD, and PowerBI to cut processing time by 50% and save approximately 15 hours weekly in team productivity.
 - Innovated an automated data pipeline to extract and integrate data from P6 Primavera into PowerBI, enhancing visualization precision and optimizing data workflows in collaboration with the Business Intelligence team.
 - Developed 4 interactive PowerBI dashboards, empowering data-driven decisions for over 60 stakeholders while directing projects through every SDLC phase to guarantee timely completion and alignment with stakeholder expectations.
 - Leveraged Git for version control, collaborating with a 6-member team on 4 primary projects.
- Foxiaser** Remote
Software Developer Intern June 2023 – August 2023
 - Executed data operations (CRUD) with MongoDB, Express, React, and Node, boosting retrieval speed by 25% while maintaining high standards in code quality through weekly code reviews for a team of 5 developers.
 - Built and optimized 3 responsive web applications in React.js, resulting in a 30% rise in user engagement.
 - Streamlined Agile team workflows, improving overall efficiency and reducing project timelines by 20% through effective collaboration and communication.
 - Produced comprehensive documentation for workflows and API usage, cutting onboarding time by 50% and facilitating a smoother transition for new developers.

PROJECTS

- Appointment Management System:**
 - Built a robust web application using Django for doctor-patient appointment management, increasing bookings by 40%.
 - Enhanced patient scheduling with a streamlined user flow, achieving a 15% increase in satisfaction scores.
 - Integrated real-time notifications to reduce missed appointments by 20%, boosting patient adherence and reliability.
 - Applied Agile practices to enhance team collaboration and communication throughout the project lifecycle.**Technologies Used:** Django, Bootstrap, HTML, CSS, SQL
- Household Services Platform:**
 - Engineered an intuitive application using the MERN stack, enhancing user engagement by 30%.
 - Designed a booking system that reduced service request time by 25%, streamlining on-demand assistance and improving overall user satisfaction.
 - Collaborated with a cross-functional team across SDLC stages to ensure timely, high-quality feature delivery, incorporating user feedback for continuous improvement.**Technologies Used:** MERN Stack (MongoDB, Express.js, React.js, Node.js), RESTful APIs, JSON

CERTIFICATIONS

- Programming, DSA using Python (**NPTEL**)
- Django Essential Training (**LinkedIn Learning**)
- Project Management Fundamentals (**IBM**)
- Introduction to Networks (**CISCO**)

ACHIEVEMENTS AND SERVICE

- Program Facilitator** at Festival of India, managing logistics & coordinating service operations Charlotte, USA
- Part-Time Food Service Worker** at Social 704, UNC Charlotte Charlotte, USA
- Finalist** in National-Level Hackathon, held at Rajasthan-March 2023 Jaipur, India
- Spearheaded** a team of 5 at Yuvtarang Food Stall, serving 1000+ attendees Vizag, India