

HEMANTH BORRA

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EDUCATION

- University of North Carolina at Charlotte (UNCC)** Charlotte, NC, USA
 - Master of Science - Computer Science; GPA: 3.87/4.0* August 2024 - Present
 - Courses: Visual Analytics, Software System Design and Implementation, Database Systems, Survey of Programming Languages*

SKILLS SUMMARY

Programming: Python, C
Web Tech/Frameworks: HTML, CSS, JavaScript, Django, Flask, Node.js, React.js
Databases: SQL, MongoDB
Tools: Git, GitHub, Excel, PowerPoint, VS Code
Visualization: Power BI, Tableau, Data Storytelling, Dashboard Design
Soft Skills: Team Collaboration, Creativity, Communication, Attention to Detail

EXPERIENCE

- University of North Carolina at Charlotte** Charlotte, NC, USA
 - Graduate Teaching Assistant – Visual Analytics* Jan 2025 – Present
 - Mentored 50+ students on dashboard structure and data storytelling with Tableau and Power BI.
 - Supported professor in refining design content, including layout alignment, visual hierarchy, and color themes.
 - Held office hours to guide students on dashboard usability, typography balance, and visual presentation.
 - Assisted with grading and analytics while enhancing course flow and user-centered design materials.
- Arth Design Build Private Limited** Hyderabad, TG, India
 - Software Developer – Business Intelligence* July 2023 – July 2024
 - Optimized data workflows to transform Revit 3D model data into Power BI, improving decision-making by 40%.
 - Built 5 Revit plugins using JavaScript and Node.js to automate data flow between ACC, VCAD, and Power BI.
 - Developed automated pipelines extracting Primavera P6 data into Power BI, enhancing visualization precision.
 - Created 4 interactive Power BI dashboards with SQL-based models, empowering 60+ stakeholders with real-time insights.
 - Used Git for version control while collaborating on 4 major projects with a 6-member BI and development team.
- Foxiasr** Bhopal, MP, India
 - Software Developer Intern – Workflow Automation* May 2023 – Aug 2023
 - Improved MongoDB CRUD operations with MERN stack, ensuring faster and more efficient data retrieval.
 - Built and optimized 3 responsive React.js applications, increasing user engagement.
 - Streamlined Agile workflows, reducing project timelines by 20% through better team collaboration.
 - Created detailed workflow and API documentation, cutting developer onboarding time by 50%.

PROJECTS

- Appointment Management System:**
 - Built a robust and scalable web application using Django for efficient doctor-patient appointment management.
 - Enhanced patient scheduling and booking workflows with a streamlined user flow, improving overall user experience.
 - Integrated real-time notifications and alerts to boost patient adherence and appointment reliability.
 - Applied Agile methodologies and sprint planning to enhance team collaboration and project communication.

Technologies Used: Django, Bootstrap, HTML, CSS, SQL
- Household Services Platform:**
 - Engineered an intuitive and responsive application using the MERN stack, enhancing user engagement and satisfaction.
 - Designed an efficient booking system to streamline service requests and improve overall platform usability.
 - Collaborated with a dynamic cross-functional team across SDLC stages to ensure timely, high-quality feature delivery, incorporating continuous user feedback.

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

- Volunteer** at Probasi of Charlotte, assisting in cultural events and community support Charlotte, NC, USA
- Food Service Associate** at Chartwells, UNC Charlotte Charlotte, NC, USA
- Finalist** in National-Level Hackathon, held at Rajasthan-March 2023 Jaipur, RJ, India
- Spearheaded** a team of 5 at Yuvtarang Food Stall, serving 1000+ attendees Vizag, AP, India