HEMANTH BORRA

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EDUCATION

University of North Carolina at Charlotte (UNCC) — Charlotte, USA
Master of Science - Computer Science — *August 2024 - May 2026*
Courses: *Visual Analytics, Artificial Intelligence, Software System Design and Implementation, Database Systems*

Vignan's Institute of Information Technology (VIIT) — Vizag, 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++, JavaScript, SQL, HTML, CSS
- **Frameworks:** Django, Flask, NodeJS, Bootstrap, ReactJS, Angular, VueJS
- **Tools:** GIT, PostgreSQL, MySQL, SQLite, PowerBI, Revit, Synchro 4D
- **Platforms:** Linux, Web, Windows, Arduino, Raspberry, AWS, Autodesk, Bentley
- **Technologies:** Machine Learning, Artificial Intelligence, Data Science
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

Arth Design Build Private Limited — Hyderabad, India
Script Developer Intern — *Sep 2023 – May 2024*
- ○ **Revit-PowerBI Integration**: Integrated Revit 3D models with PowerBI for enhanced data visualization.
- ○ **Custom Plugins**: Developed Revit plugins using JavaScript and Node.js for project-specific needs.
- ○ **Automation**: Automated data flow between ACC, VCAD, and PowerBI, optimizing analysis.
- ○ **PowerBI Dashboards**: Created a website to display interactive PowerBI dashboards for real-time insights.

Foxiaser — Remote
Software Developer Intern — *Jun 2023 – Aug 2023*
- ○ **CRUD Operations**: Implemented efficient CRUD operations with MongoDB and a Node.js RESTful API.
- ○ **Web Development**: Built responsive web applications using React.js for enhanced user experience.
- ○ **Team Collaboration**: Participated in Agile development to improve workflows and project outcomes.

PROJECTS

- **Hospital Management System (HTML, CSS, Django, Bootstrap)**: Led the development of a comprehensive Hospital Management System, integrating modules for patient information, appointment scheduling, billing, and inventory management. Implemented a user-friendly interface for medical staff, enhancing operational efficiency and ensuring seamless coordination between departments.

- **Attendance Bot (Academic Project) (Flask, SQL)**: Developed a user-friendly attendance bot to efficiently track attendance and promote disciplinary awareness. The bot records and manages attendance, offering an accessible interface via the Telegram platform. Collaborated in a cohesive team effort to enhance functionality.

CERTIFICATIONS

- **Programming, DSA using Python (NPTEL)**: Developed a solid foundation in programming and data structures using Python, enhancing my ability to solve complex problems efficiently and implement optimized algorithms.

- **Django Essential Training (LinkedIn Learning)**: Acquired comprehensive skills in the Django web framework, enabling me to design and build robust web applications with a focus on scalability and RESTful API integration.

- **Project Management Fundamentals (IBM)**: Gained critical insights into project management principles and practices, including Agile and Waterfall methodologies, equipping me to lead projects effectively and drive team collaboration.

- **Introduction to Networks (CISCO)**: Learned essential networking concepts, including protocols and security measures, providing me with a strong foundation for further studies in network administration and design.

HONORS AND AWARDS

- Finalist in National-Level Hackathon, Rajasthan — March 2023
- Top 10 in College Agri-Tech Hackathon (800+ participants) — December 2022
- 1st Place in Short Film Contest at VIIT — September 2022

VOLUNTEER EXPERIENCE

- **Program Facilitator** at Festival of India, managing logistics & coordinating service operations — Charlotte, USA
- **Event Coordinator** for VISTA-2K23, leading a team to organize and execute various activities — Vizag, India
- **Media Cell Contributor** at VIIT, creating promotional content to enhance event visibility — Vizag, India