BHANU PRAKASH REDDY VANGETI

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EDUCATION

University of Houston   **Aug 2022 – Dec 2023**
Master of Science in Computer Science   **GPA: 3.81/4**

- **Relevant Coursework:** Data Structures and Algorithms, Cloud Computing, Artificial Intelligence, Machine Learning, Visualization.

ICFAI Foundation for Higher Education   **Aug 2017 – Aug 2021**
Bachelor of Technology in Computer Science and Engineering   **GPA: 9.57/10**

- **Relevant Coursework:** Data Structures and Algorithms, Data Mining, Computer Networks, Operating Systems, Cloud Computing.

TECHNICAL SKILLS

Programming Languages:	C++, Java, Python, JavaScript, TypeScript
Web Technologies:	HTML, PHP, CSS, Node.js
Frameworks:	Angular, React.js, Vue.js, Spring Boot, GraphQL
Tools / Cloud:	AWS, Azure, GCP, GitHub
Databases:	SQL, MongoDB, PostgreSQL

PROFESSIONAL EXPERIENCE

Apollo Telehealth Services   **July 2021 – Aug 2022**
Software Developer   **Hyderabad, India**

- Spearheaded the development of a comprehensive healthcare application for doctors and paramedics, serving over 1,000 healthcare professionals in hospitals.
- Created RESTful APIs to provide data to the Angular front-end based on dynamically chosen user inputs, effectively managing over 50,000 concurrent users.
- Aligned software development with business objectives and client needs, ensuring efficient and maintainable solutions.

Apollo Telehealth Services   **Jan 2021 – July 2021**
Software Developer Intern   **Hyderabad, India**

- Pioneered the creation of a real-time booking system similar to Uber's model for emergency and immediate healthcare services, utilized by over 10,000 frontline workers.
- Integrated single-page client application with advanced video call feature and third-party speech-to-text converter.

PROJECTS

Tele-ICU Application   **Feb 2022 – Aug 2022**

- Developed an application using Angular, Node JS, and MongoDB, enabling over 100 doctors in government hospitals and multiple healthcare facilities to provide remote critical patient care via video calls.
- Enhanced healthcare efficiency by decreasing patient load through remote critical care in hospitals.

Online Coding Website   **Jan 2020 – May 2020**

- Established a dynamic online coding community platform enabling users to engage in coding challenges across multiple programming languages.
- Technical Stack: - HTML, CSS, JavaScript, PHP, and MySQL.
- http://codingforlife.epizy.com/codeforever/Dashboard/webproject.php

PUBLICATION

Cloud Security Concepts, Threats, and Solutions: An Artificial Intelligence-Based Approach

- This chapter mainly focuses on security issues of Artificial Intelligence technology and provides effective countermeasures to improve data privacy.
- https://www.degruyter.com/document/doi/10.1515/9783110732573-001/html