Bhanu Prakash Bandreddi

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Education

University of Bridgeport | GPA : 3.8/4	**Sep 2022 – April 2024**
Master of science in computer science	
Vellore Institute of technology	**July 2017 – May 2021**
Bachelor's degree	

Skills

React, Next.js, TypeScript, Vercel, Python, Java, AWS, Aurora, REST, Lambda, Snowflake, CI, CD, Git, API, Scalability, Distributed, Cloud, Data, FinTech, Automation, Modularity, Scalability, Architecture, Containerization

Experience.

Software Engineer | India   **Dec 2020– July 2022**

Unosis IT Solutions

- Developed and maintained scalable web applications using Java and React, resulting in a 20% increase in application efficiency and user satisfaction.
- Implemented RESTful services and APIs using Node.js and Express, enhancing data interchange and system integration for several client projects.
- Architected and deployed multiple applications using Docker and Kubernetes, significantly improving deployment workflows and system resilience.
- Led a team of developers in creating mobile applications with Swift and Kotlin, achieving over 100,000 downloads and maintaining high user ratings.
- Utilized AWS and Azure to build secure, scalable cloud infrastructure, reducing operational costs by 30% while increasing deployment frequency.
- Spearheaded the migration of legacy systems to modern architectures using .NET and PHP, which streamlined operations and reduced maintenance overhead by 40%.

University of Bridgeport | USA

Graduate Student Assistant

- Assisted in organizing and maintaining research data, contributing to the smooth operation of departmental projects and enhancing team efficiency.
- Supported faculty and students in academic and research activities, demonstrating a commitment to educational excellence and collaborative teamwork

Projects

MealMatch (Food Ordering App **)**

- Developed Food ordering app replicating core functionalities using React and Bootstrap.
- Implemented real-time API integration for dynamic food ordering experience used redux for state management.
- Offering a dynamic and interactive user interface for a seamless ordering experience

NetflixGpt

- Developed NetflixGPT, a clone integrating The Movie Database for detailed movie information.
- Implemented Firebase for secure user authentication in NetflixGPT application.
- Integrated OpenAI for personalized movie recommendations in NetflixGPT platform.

Certifications

- The Complete Web Development Bootcamp.
- Python for Data Structures&Algorithms.
- The Complete Python Pro Bootcamp.