469-468-4931|nani.guddimella@gmail.com **NARASIMHA CHARYULU GUDIMELLA** www.linkedin.com/in/stgnarasimha

OBJECTIVE

Full-Stack Developer with nearly 1 year of experience in building scalable, high-performance web applications using Angular, React, Java, Spring Boot, and Spring Framework. Passionate about developing efficient, secure, and user-centric software solutions while optimizing both frontend and backend systems.

SKILLS

- **Programming Languages:** Java 8(Advanced), Python, C(Intermediate), C++ (Beginner)
- **Frameworks** Angular18, JavaScript, Spring Boot, Spring JPA (Advanced),HTML5, CSS3, Bootstrap (Intermediate), React.Js, AWS, Node.js(Beginner)
- **Database**: MySQL(Intermediate), MongoDB (Beginner)

CERTIFICATIONS

- Introduction to Software Engineering
- Introduction to Front-End Development by Meta
- IBM Full Stack Software Developer Professional

EXPERIENCE

Full Stack Developer Intern at Cognizant (Hyderabad, India) **(Mar '22 - Sep'22)**

- Architected a dynamic web application with Angular and Java (Spring Boot), ensuring seamless integration and optimal performance.
- Streamlined UI components with Angular, HTML, CSS, and JavaScript, reducing load times by 40% and boosting responsiveness across devices.
- Designed and deployed scalable RESTful APIs with Java and Spring Boot, improving backend performance and reducing data retrieval time by 35%.
- Enhanced MySQL database performance by optimizing queries and indexing, cutting execution time by 30%.
- Diagnosed and fixed critical software bugs in Java and C#, decreasing system crashes by 20% and increasing stability.

Tech Stack: *React.Js, Angular, Java, Spring Boot, MySQL, REST APIs, C#, HTML, CSS, JavaScript*

PROJECTS

Job Search Platform

- Developed a job search platform with Angular (Frontend) and Spring Boot (Backend), enabling users to upload resumes, track applications, and interact with employers.
- Integrated real-time analytics with Java, Spring Boot, and MySQL, optimizing employer job posting management.
- Refined search algorithms using Java and REST APIs, increasing job match accuracy by 30% and boosting user engagement.

Tech Stack*: Angular, Java (Spring Boot), MySQL, REST APIs*

Online Code Editor

- Created an interactive chat system with React.js and Node.js, facilitating instant messaging, media sharing, and real-time notifications.
- Enhanced UI/UX with HTML, CSS, and JavaScript, introducing features like typing indicators and real-time updates, driving a 35% increase in user retention.
- Secured communication channels with end-to-end encryption via WebSockets and cryptographic techniques, ensuring complete privacy.

Tech Stack*: Angular, Java (Spring Boot), MongoDB, REST APIs, Web Sockets, Node.js*

Real-Time Chat Application

- Developed an interactive chat system using React.js and Node.js, enabling instant messaging, media sharing, and real-time notifications.
- Elevated UI/UX with HTML, CSS, and JavaScript, adding features like chat rooms and real-time updates, boosting user retention by 35%.
- Implemented robust end-to-end encryption using WebSockets and cryptography to guarantee secure communication.

Tech Stack*: React.js, Redux, Web Sockets, HTML, CSS, JavaScript*

Restaurant Tracking Application

- Engineered a restaurant locator using React.js and Google Maps API, offering real-time search, tracking, and interactive navigation.
- Created dynamic filters with React and JavaScript, enabling users to sort restaurants by type, rating, and distance, enhancing search efficiency by 45%.
- Crafted a responsive UI with HTML, CSS, and Bootstrap, providing smooth user interactions with interactive maps.

Tech Stack*: React.js, MongoDB, Google Maps API, REST APIs, HTML, CSS, JavaScript*

EDUCATION

Master of Science (MS) in Computer Science | University of North Texas **GPA 3.8 | Dec' 24**

- Developed a YouTube testing framework using Python and QA Wolf, automating key platform functions to improve testing efficiency and accuracy.
- Published research on 6G Localization, exploring advanced positioning and tracking techniques to contribute to the development of future wireless systems.
- Implemented genetic algorithms to optimize complex problems, benchmarking performance against traditional optimization methods to demonstrate increased efficiency.

Relevant Coursework: *Computer Algorithms, Big Data and Data Science, Software Engineering, Machine Learning, Information Retrieval*