BHAGAVATH SAI MADDUKURI

maddukuribhagavath@gmail.com | https://www.linkedin.com/in/bhagavath-sai-maddukuri-960429178/

Experienced Full-stack Java Developer (3 Years)

Hands-on experience with JavaScript, React, Angular, C#, Java Spring Boot. Experienced in SDLC phases, Java API development, RESTful web services, and web-based applications. Skilled in OOP, Hibernate, Spring, and dynamic web page development with HTML5, CSS3, JavaScript, and Angular 8.

EDUCATION

University of North Texas (UNT), Denton, TX   **Aug 2022 - May 2024**
Masters in Computer Science   CGPA: 3.63
Gitam (Deemed-to-be University), India   **Aug 2016 - May 2020**
Bachelor of Technology in Computer Science and Engineering   CGPA: 7.86/10.00

SKILLS

Programming Languages: C, Java, JavaScript, Python, C#, SQL
Front-end Technologies: HTML, CSS, ReactJS, Bootstrap, Angular
Database Technologies: MySQL
Operating Systems: Windows, Linux
Tools: VS Code, Eclipse, Anaconda, Android Studio, Jenkins, Linux, and Git

RELEVANT COURSEWORK

- Analysis of Computer Algorithms
- Database Management
- Big Data and Data Science
- Software Engineering
- Wireless Networks and Protocols

EXPERIENCE

Student Admin Clark Hall, University of North Texas   **Sep 2022-May 2024, 1.8 Years**

- Assisted with shift organization, web development, and various day-to-day tasks.
- Developed web pages and handled administrative duties, gaining experience in time management, communication, and front-end development.

Project Engineer, Wipro Limited, India   **Feb 2020 – July 2022, 2.5 Years**

- Involved in software development life cycle (SDLC), which includes requirement-gathering, design, coding, and testing..
- Developed Project Specific Java API's for the new requirements with the Effective usage of Data Structures, Algorithms,
- and Core Java, OOPS concepts.
- Developed web service for web store components using RESTful API using Java & Spring.
- Developing web-based applications using CSS, HTML, JavaScript, reactjs, jQuery, and UML.
- Experience in Object Oriented design, Systems Analysis, Software &Web Application development.
- Developed business modules using Hibernate & Spring framework technologies.
- Designs, enhancements, updates, and programming changes for portions and sub-systems, including operating systems,
- compilers, databases, and Internet-related tools.
- Analyzes design and determines coding, programming, and integration activities based on general objectives and overall
- architecture of the product.
- Reduced the null pointer dereferences in all the files other than the test files to ensure the defects were reduced in the
- Coverity scans.
- Worked simultaneously in both production and development teams and took part in designing and developing dynamic
- web pages using HTML5, CSS3, Bootstrap, SASS, JavaScript, jQuery, Angular 8 for single-page applications.

Software Intern, Lexron Technologies, India   **Sep 2019 – Feb 2020, 6 Months**

- Contributed to the creation of advanced Field Service Mobile and Web applications utilizing modern technologies like JavaScript, form scripts, and business rules. Played a role in maintaining the scalability and security of applications by following established technical frameworks.
- Showcased problem-solving abilities by aiding in the timely delivery of tailored solutions under the mentorship of seasoned team members.
- Acquired experience in algorithm design and software engineering best practices, focusing on fulfilling project specifications and improving product performance.
- Worked on POD deployments and branch cuts, updating/ releasing new versions of PODs using Jenkins jobs. Installed Docker hosts in lab/staging environments created Jira Confluence pages and worked on Jira enhancement and CI/CD pipeline.

PROJECTS

Sentiment Analysis in Twitter using R | R, Machine Learning
- Designed a system to determine whether the expressed opinion in the text is positive, negative, or neutral which involved collecting Twitter data, preprocessing the text, and applying machine learning techniques to classify the sentiment of each tweet.

Automated Text Summarization using Machine Learning | Python, Machine Learning
- Designed a project that aims to develop an automated text summarization system using machine learning techniques.

Women Safety App | Thunkable
- Designed a simple android application used mainly for women safety purposes which mainly shares location based on GPS by a shake on the phone it sends emergency messages to the registered contacts.

Weather Journal App — HTML, CSS, and JavaScript
- Developed Weather Journal App using HTML, CSS, and Vanilla JavaScript, integrating OpenWeatherMap API for dynamic weather data retrieval.
- Integrated advanced Web APIs and asynchronous code to facilitate dynamic data retrieval.
- Secured essential API credentials from the OpenWeatherMap platform and crafted asynchronous functions to
- efficiently fetch weather data and persist it locally.
- Engineered a seamless user experience by implementing responsive UI updates within the application.

CERTIFICATIONS
- RPA Certification by Automation Anywhere
- Introduction to Programming using Python

PUBLICATIONS
- Published a paper for Automated Text Summarization using machine learning in Journal of Engineering and Advanced Technology (IJEAT) ISSN: ISSN: 2249-8958 It reduces the given text and gives us an exact summary of the text document. https://www.ijeat.org/portfolio-item/d7278049420/

LEADERSHIP/EXTRACURRICULAR
- Event coordinator for college tech fest PRERNA
- Member of GUSAC club in college (Science Activity Group
- Participated in Ethical Hacking workshop at TECHRITI conducted by IIT Kanpur
- Attended SakRobotix Workshop