NEHA LAKSHMI DEBBAD
Charlotte, North Carolina- 28262

704-323-1076 * nehadebbadg@outlook.com * www.linkedin.com/in/nehadebbad

OBJECTIVE_____

Full stack developer skilled at building RESTful applications. Passionate about exploring new technologies and working with dedicated teams to build creative and robust user-centric applications. Prior experience includes internship focused on Vue (javascript), Java, Spark, MariaDB and C#.

TECHNICAL SKILLS_____

Core skills	Software Development Life Cycle, Full stack Developer, Familiar with shell scripting
Datastores	MySQL, MariaDB, MongoDB, JSON, XML
Programming languages	C#, Java, PHP, Python, SQL
Web Technologies	HTML5, CSS3, LESS, Bootstrap, JavaScript, Node.js, Vue.js, D3, Ruby on Rails, AngularJS, AJAX, TypeScript, gulp
Other skills	Spring (Java), Spark, jQuery (JavaScript), Jackson, Puppeteer, Express, Laravel, Maven, Gradle, webpack, JSP, Nightwatch, Mocha, Weka, Web Sockets, Selenium, Jenkins, Docker CMS - Wordpress
Amazon Web Services	Familiar with designing high availability applications on AWS across multiple availability regions, Familiar with building VPC, Worked with S3, EC2, Lambda, EMR
Operating Systems	Windows, Linux
Version Control	Git

EDUCATION_____

University of North Carolina at Charlotte, Charlotte, NC
- Master of Science in Computer Science   May 2020(3.77/4.0)

Mahatma Gandhi Institute of Technology, Hyderabad, India
- Bachelor of Technology in Computer Science   May 2018 (72%)

EXPERIENCE_____

Syntax Systems – Raleigh - Durham, NC   May 2019 – December 2019

Software Developer Intern
- Followed Agile methodology/scrum
- Collaborated with a team of 4 developers located in different locations. Communicated through slack and skype.
- Developed scalable web-based applications with backend RESTful services with good understanding of concepts, UML, XML/JSON, Webpack and MVC
- Responsible for code optimization for efficiency
- Worked with Stored procedures for SLA reporting

Projects and Roles:
- Optimized the efficiency of a console program to implement an SLA reporting tool in the customer portal

that provided a way to distribute the monthly statistically generated SLA reports to the customers. This allowed all authorized customers to view current and past reports for their company and allowed employees to view reports for all the companies.

Worked for Cloud Portal for Syntax that provides one portal platform for the company and customers with functions like Monitoring, live SLA reports, Audit reports. **Skills**: ASP.NET, Java 11 JDK, AWS SDK for Java, Apache Commons, Spark, Jackson, Vue.js, npm/yarn/webpack + babel, moment.js, moment-timezone.js

Worked on multiple tasks like

- Recreated S3 buckets page, Performance metrics page in Vue to manage resources.
- Implemented Calendar, navigation bar, Dialogs in Vue for the portal. (Used d3 for chart components)
- Aggregated licenses from third party dependencies (Client & server-side) and populated them in the legal dialog by extending the webpack build (accessed via the portal footer).
- Global Region Filter: Implemented a platform for users to select desired cloud provider and regions. Used AWS Java SDK
- Written unit tests using Selenium and Nightwatch

PROJECTS_____

Map Reduce using Hadoop in AWS   December 2019
- Created sample Word Count application jar
- Deployed the Hadoop application on AWS using EMR Instances

Digital Library   September 2019
- Developed a platform for people to upload, borrow and read books.
- Books are made available free of cost and the users can borrow them digitally for certain period of time (time specified by the person who uploads).
- Advantages: All the books can be borrowed for free under limited conditions.
Technologies used: **JavaScript, Nodejs, Mongo DB (Mongoose)**

Online Tutoring System   March 2019, March 2020
- An online tutoring system is developed which will have two different user groups with distinct functionalities and accessibilities.
- The system will provide search facilities for students to find their corresponding course material and tutors accordingly.
- Made it mobile-friendly
- Later implemented this question and answer forum in Ruby on Rails
Technologies used: **HTML, Bootstrap, PHP, Ruby on Rails**

Prevention of Denial of Service Attacks using Dynamic Path Identifiers   March 2018
- Tried to prevent the DoS attacks to a subsequent level by making the path identifiers dynamic between routing objects.
- The path identifiers between routing objects become invalid after a certain period thereby preventing perpetrators to flood the path by unintended requests.
Technologies used**: HTML, Bootstrap, Java**