**SRINATH SETHUMADHAVAN**

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[GitHub](https://github.com/srinathsethumadhavan) | [LinkedIn](https://www.linkedin.com/in/srinath-sethumadhavan-a276a513a/) | [Leetcode](https://leetcode.com/srinath12345/) | [GeeksForGeeks](https://auth.geeksforgeeks.org/user/srinath%20s/practice/) | [HackerRank](https://www.hackerrank.com/srinath15021997?hr_r=1)

**ACADEMIC QUALIFICATION**

**Bachelors in** Electronics **Engineering** Anna University **Aug 2014 - May 2018**, CGPA: **9.53/10 - University Gold Medallist**

**Relevant Coursework**: Data structures and Algorithms, Object Oriented Programming and Design Patterns, Distributed Systems

**SKILLS**

**Problem Solving** Achieved a World Rank of less than **5000** in Leetcode for solving **900+** Problems on Algorithms

consistently till date. Received **5 stars** in HackerRank on Java, SQL and **Problem Solving** skills.

**Programming** Java 8 , JavaScript – ES2019

**Web Technologies** HTML5, **ReactJS** ( JSX, Hooks, Redux, Router, ContextAPI, NextJS) **jQuery**, **Node.js**, Ajax, Axios, JSON

Java EE - **Spring Boot, JPA, Hibernate**, REST-Assured, CSS, D3.js, Selenium, and TestNG, JMeter, JUnit

**Databases** Mongo DB, MySQL, Redis **Version Control -** GitHub **AWS Services** - EC2, ELB, S3, Dynamo DB

**WORK EXPERIENCE**

**ServiceNow India Development Centre – Hyderabad Dec 2020 – Present**

* Working as a Full Stack Application Developer (Java & MERN) for the ML Engineering Division. Involved in the development, Testing and release of Rome/San Diego/Quebec and Tokyo versions of ServiceNow.
* Developed a unified platform(DaaS – Data As A Service) that allows Data Scientists ,QE and PMs to get access to data and perform ML experiments at scale. The application supported choosing an instance and data of their requirement.
* Worked for the performance enhancement of the Platform Architecture. Handled end-to-end integrations of applications and plugins. POC on Data visualization using d3.js to capture Business metrics and statistics .
* Took initiative for writing **BDD** Testcases using **JBehave** which will help to test the functional level features.

**KloudOne - Chennai March 2020 – Nov 2020**

* Worked for the backend development of the E-learning product called **KloudLearn**. Developed core modules in

both UI and services involving React and spring boot.

**ABB India Development Centre - Bengaluru July 2018 – May 2019**

* Developed an online Digital Monitoring System of continuous gas analyzer systems for Process Industries - **DigiSampler 2.0** . Deployed the pilot system successfully at 3 Industries. [Link about the project](http://nebula.wsimg.com/9886ab6d4fe77a8cb782c6c4d26c054f?AccessKeyId=A90FDBBFCAD53165E78C&disposition=0&alloworigin=1)
* Developed a highly Interactive Dashboard for real time monitoring of Sample Handling Systems.
* Achieved Reduced downtime of the analyzer system and reduced maintenance and operating cost up to ~**15%**.

**ACADEMIC PROJECTS**

* **E-commerce Web Application (Stack: Node.js, Express.js)** [Link to the Project](https://dry-lowlands-68657.herokuapp.com/)

Developed an E-commerce web application with production grade authentication using npm packages like express-validator, multer, cookie-session, body-parser and standard libraries/modules like File System, Crypto and Util. Designed a custom database to persist the user and product details. Implemented RESTful routing to add, delete, edit products from Admin Panel and customers can add products to cart. Deployed the application on Heroku

* **Message Sharing Application (JavaScript-DOM, HTML5,CSS3)** [Link to the Project](https://javascript-projects.srinath15021997.vercel.app/)

Developed an application, implementing Base-64 encoding and decoding techniques to enable the safe transfer of message inside the URL. Deployed the application on Vercel cloud platform

* **The Movie Fight (JavaScript-DOM, Axios, REST web services, HTML5, CSS3)**

Developed an Online Movie Comparison Application and fetched data from The OMDB API and built the reusable Auto Complete Widget feature from the scratch. Interactive comparison made between the movies based on the parameters like Box-office rating, IMDb rating, IMDb votes and Metascore.

* **Instagram Mini DB clone**

Built a web app using MySQL and Node.js and mimicked the database structure of a photo sharing social network.

**AWARDS AND ACHIEVEMENTS**

* Trailblazers award for best innovation for developing a feature –rich and cost effective indigenous DigiSampler that helps customers better predict anomalies and optimize performance & performance Spot Award for Software development of DigiSampler, ABB, 2019
* Gold Medal received from the Governor of Tamil Nadu,India for securing the First Rank in the university with highest CGPA, Anna University, 2018