SRINATH SETHUMADHAVAN

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GitHub | LinkedIn | Leetcode | GeeksForGeeks | HackerRank

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**

SKILLS

Problem Solving Achieved a world ranking of around 4000 with **4 Stars** in Leetcode for solving problems
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) **jQuery**, **Node.js**, Ajax, Axios, JSON
Java EE - **Spring Boot, JPA, Hibernate**
Databases   Mongo DB, MySQL, Redis **Version Control -** GitHub

WORK EXPERIENCE

ServiceNow India Development Centre – Hyderabad (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 data pipeline (DaaS – Data As A Service) that allows Data Scientist, QE and PMs to get access to real time data and perform Machine Learning Experiments at scale. The application facilitated choosing an instance and data of their requirement for Training and Research purposes.
- Took initiative for writing **BDD** Testcases using **JBehave** which will help to test the functional level features.
- Trained and mentored 2 Entry level engineers and helped them get on board quickly.

KloudOne - Chennai   (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 (2018 –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**
- 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**
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.
- **Message Sharing Application (JavaScript-DOM, HTML5,CSS3) Link to the Project**
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 DB 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