Jonathan Samuel

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EXPERIENCE

RIVER BEND DATA SOLUTIONS | Junior Software Engineer
May 2022 – Aug 2022 | Remote
- Worked as a Junior Software Engineer, was part of the Junior Development Team and worked on 'iClinic', a cross-platform patient & hospital management system. Worked on React-Native, NodeJS, Express JS. Also worked on Software Planning and Database Schema Design.
- Created the base App for the Application, including authentication handling, form handling and Navigation Stack within React-Native.
- Was Junior TechLead for a period of 2 Months, tasked with junior team management, reporting of progress to senior team, handling of sprint meetings and assigning of work within Agile Development Setting.

WINGGIT.INC | Front End Web Developer
Aug 2020 – November 2020 | Bangalore, KA
- Worked as a Front-End Engineer at Winggit.inc.
- Designed and Implemented Current UI for Winggit's e-commerce website, that handles the reselling of used books. Worked Primarily with Javascript, along with HTML & CSS.

RESEARCH & PUBLICATIONS

AUTOMATED MP3 TAG EDITOR VIA DATA MINING |
Researcher & Developer
Jan 2022 – June 2022 | Vellore, TN
Worked with **Shivansh Sahai** and **Dr. Swarnlatha P** to create **Automated Mp3 Tag Editor**, a tool which scrapes metadata of music tracks from various sources, and classifies them via Machine Learning, whilst automating the entire process.
GitHub: https://github.com/JRS296/Automated_Mp3tag
Citation: Currently under review, Journal: **Computers in Industry** - ISSN 0166-3615

ZIGBEE BARRIER SYSTEM | Researcher & Developer
May 2021 – Jan 2022 | Vellore, TN
Worked with **Dr. Yokesh Babu** to research and implement a Zigbee protocol based Barrier System for the Indian Railways.
Citation: Currently under Academic Review at VIT University, Vellore.

PROJECTS

BLOG WEBSITE - MERN STACK
Github: https://github.com/JRS296/JRS---Blog
Built a Full-Stack Blog application for uploading posts related to Solutions of Leetcode and Hackerrank Problems, along with other information pertaining to Interview Preparation.
Tools Used: ReactJS, NodeJS, ExpressJS, MongoDB, HTML, CSS

GOOGLE FORM AUTO-FILLER CHROME EXTENSION
Github: https://github.com/JRS296/Autofiller-Chrome-Extension
Built a Chrome Extension that can autofill logged data for different form fields present on Google Forms.
Tools Used: Javascript, HTML, CSS

Personal Website: https://jrs296.github.io/JRS-Studios/
Personal Email: jonathansamuel296@gmail.com

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, VELLORE
B.Tech Computer Science Engineering w/ Specialization in IoT
CGPA: 8.71
2020-2024| Vellore, India

BISHOP COTTON BOYS' SCHOOL
10th Boards: 91.2% (ICSE)
12th Boards: 93.5% (ISC)
2005-2020| Bangalore, India

SKILLS

Programming
Java • Python • Javascript • C/C++
HTML • CSS • SQL • R/R Studio • MatLab • PhP
Frameworks & Technologies
React JS • React-Native • Linux Development • Git & GitHub • NodeJS & ExpressJS • Django • Java Spring Boot • AWS Cloud • LTSpice • MongoDB • Tableau • Figma • Sketchup

WORK DOMAINS
- Software Engineering & Planning
- Full Stack Development
- Front-End Development - ReactJS & React Native
- Back-End Development - Node JS, Django, Java Spring Boot
- Data Analytics
- Machine Learning Engineering

COURSEWORK - UG
Operating Systems
Data Structures & Algorithms
Database Management Systems
Object Oriented Programming
Cloud Computing
Data Mining

LINKS
Github: https://github.com/JRS296
LinkedIn: https://www.linkedin.com/in/jrs2002/
LeetCode: https://leetcode.com/JRS296/
Hackerank: https://www.hackerrank.com/JRS296