Janavi S

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EDUCATION

RMK ENGINEERING COLLEGE
BE in Computer Science
April 2024 | CGPA:9.5/10

VELAMMAL VIDYALAYA
June 2020 | Percentage:92.6

RAVINDHRA BHARATHI
May 2018| Percentage:88

LINKS

Github:// **janavi-s05**
Leetcode:// **janavi-s05**
GeeksForGeeks:// **janavi-s**
HackerRank:// **janavi-s**
SkillRack:// **janavi-s**

SKILLS

PROGRAMMING
Technical
Java • Python • C • MySQL •Git
HTML • CSS • JavaScript • React
NodeJS • MongoDB • ExpressJS
Firebase • REST APIs
Familiar
GCP • Linux
Tools
Postman • VSCode • Eclipse • Jupyter

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Operating Systems
Object Oriented Programming
Data Science
Google Cloud Platform

INTERESTS

Full Stack
Data Science
Problem Solving
Machine Learning

PUBLICATION

GESTURE GUARD:R-CNN FOR SIGN LANGUAGE
June 2024 | [Link]
A real-time system for sign-to-text and text-to-sign translation using **R-CNN**, empowering accessible communication

EXPERIENCE

TEJAS NETWORKS | R&D Product Engineer
Jan 2024 - Present | Chennai, India

- Created over 60 automation scripts and analyzed using Python in the **SAS Framework**, enhancing test coverage by **40%**.
- Created and executed **scripts** for the rigorous verification of nodes, ensuring 75% accuracy in the test results.
- Worked closely with cross-functional teams to debug and resolve issues, **reducing** the defect turnaround time by **25%**.

PROJECTS

FINLEDGER [LINK]
React | Firebase | JavaScript | CSS

- Created a comprehensive **Personal finance tracker** to streamline **balance, income, and expense** management.
- Optimized balance overviews, income and expense tracking, **Interactive charts**, and **Transaction lists** for seamless financial management.
- Improved financial organization and planning for users, boosting their ability to achieve financial goals by **35%**.

TECHBREW
NodeJS | ExpressJS | TailwindCSS | MongoDB | React

- Built a tech blog platform where users can perform **CRUD** operations and mark posts as favorites.
- Secure **user authentication** was implemented using **Web Access Tokens (JWT)** to safeguard user data and sessions.
- Designed and implemented a **Responsive UI** with Tailwind CSS, ensuring a seamless experience across devices.

PYTHON EVALUATOR (ONLINE CODING PLATFORM)
CSS | JavaScript | React | Django

- Developed a secure **Coding assessment** platform with **proctoring, plagiarism detection**, automatic scoring, and rank generation features.
- Enabled **CSV**-based student uploads, real-time coding environments, and comprehensive **test reports**.

ACHIEVEMENTS

2024	Presented GestureGuard at 4th **IEEE** CONIT, 2024.
2023	Secured 1st place in a **Mini project**(ConnectInfinity)
2022	1st place in Sightless Snippets coding competition
2022	Achieved 95/100 in automata AMCAT.
2022	Attained 12/12 in codeKaze competition
2021	3rd position in college coding battle

CERTIFICATIONS

Programming in Java with a score of **90%** in NPTEL
The joy of computing using Python with a score of 83% in NPTEL
Contributed to the development of **Wipro TalentNext**
HackerRank Problem Solving (Intermediate)
AWS Academy Graduate