

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)

Google Cloud Essentials