Dasari Venkatamohan Karthik

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EDUCATION

- **Vellore Institute Of Technology** — Vellore, Tamil Nadu
  M.Tech Integrated - Software Engineering; CGPA: 9.32 — *2019 - 2024*

- **Narayana Junior College** — Vijayawada, Andhra Pradesh
  MPC; CGPA: 9.79 — *2017 - 2019*

- **Sri Chaitanya High School** — Nekarikallu, Andhra Pradesh
  10th Grade; CGPA: 9.8 — *2016 - 2017*

SKILLS SUMMARY

- **Languages**: C++, JAVA, Python, SQL, PHP, DART
- **Most experienced in**: Web Development, Debugging, Problem Solving
- **Tools**: GIT, Postman, MySQL, SQLite, Figma
- **Soft Skills**: Leadership, Adaptive, Quick-Learner
- **Subjects**: DSA, OOPS, OS

EXPERIENCE

- **Worked as a Freelancer** — Remote
  Developer — *2019 - 2020*
  - **GBTC**: Created an online grocery store website for a local client.
  - **Company website**: Developed a company website for the local lime factory.

- **IEEE ComSoc** — Remote
  Chapter Member — *2021 - 2022*
  - **Activities**: Part of the Management team of IEEE ComSoc. conducted and organized many online events about various technologies.

PROJECTS

- **Hostel Management System (HTML/ CSS/ JS, PHP, MySQL) (Github)**:
  - Created a website that enables VIT students to book accommodation online, search for their roommates, apply for leave, and many other functionalities.
  - Learned how to use sessions and cookies in PHP.

- **Home Banking (Flutter, Dart, Android Studio, Figma) (Github)**:
  - Created an android application that allows users to avail of banking services at their doorstep.
  - Learned how to create an android application with a database in the backend.

- **Handwritten character recognition (Python, Machine Learning, Keras, Jupyter Notebook) (Github)**:
  - Created a python project to identify the handwritten characters. This project converts the handwritten characters into digital format.
  - Keras optimizer is used to optimize the machine learning model.
  - Learned how to implement CNN and optimize the machine learning model.

- **Portfolio (HTML, Three JS, Tailwind CSS, Vercel) (Website)**:
  - Created a responsive website to showcase my skills. Particle animation was created using Three JS.
  - Learned how to use 3D animations on the website.

- **Covid Electronic Health Record (JAVA, MySQL, Apache NetBeans) (Github)**:
  - Created a java application that is useful for both patients and doctors in keeping track of their health status.
  - Learned how to create applications in Java using Java swing.

CERTIFICATIONS

- Fundamentals Of Data Analytics - by NASSCOM (Aug, 2022)
- Machine Learning- by Coursera (Jun, 2022)

ACHIEVEMENTS

- Certificate for serving as a Programme Representative (2021 - 2022)
- Merit Scholarship for three consecutive years for outstanding performance in academics (2020 - 2022)
- Appointed as Placement Coordinator (July, 2022 - Present)