

TK Vamshi Krishna

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T K Vamshi Krishna — Codolio

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PROFILE SUMMARY

- Innovative and highly motivated Computer Science graduate with expertise in Java, Python, C++, R, MySQL, HTML, CSS, and JavaScript. Skilled in developing scalable applications, problem-solving, and collaborating in team environments.Tech enthusiast, goal-driven, and focused on tackling challenges through efficient coding and cutting-edge solutions.

EDUCATION

- **Vellore Institute of Technology** Amaravati,Andhra Pradesh
M.Tech Integrated CSE(Core); CGPA: 8.42 CGPA 2021 - 2026
- **Narayana Pu College** Bengaluru,Karnataka
PCMC;Percentage:76% 2019 - 2021
- **Narayana High School** Hyderabad,Telangana
SSLC,CGPA:8.7 CGPA 2019

SKILLS SUMMARY

- **Languages:** JAVA, C++, PHP, HTML/CSS, R, Git
- **Database:** MYSQL, Firebase, MongoDB, Redis
- **Platforms:** VScode,Star UML, Web, Arduino, AWS,Cloudfare,Prestashop
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking

EXPERIENCE

- **ItJobXS** Remote
Web Developer July 2024 - Sep 2024
 - **Responsive Web Page Design:** Designed a fully responsive web page for a section of ItJobXS platform.
 - **User Verification and Authentication:** Solved user verification challenges, efficiently removing fake bots and posts.
 - **Recaptcha Integration:** Integrated Google Recaptcha for enhanced website protection against bots and spam.
 - **Tech Stack:** HTML, CSS, JS, Bootstrap, and PHP for development.

PROJECTS

- **Chatify(Flutter,Dart,Firebase)-Developing:**
 - Developed a cross-platform chat app with Flutter, ensuring seamless functionality on Android, iOS, web, and Windows.
 - Integrated Firebase for real-time messaging, secure authentication, and 50% faster data retrieval across platforms.
 - Optimized responsive UI/UX and device portability for consistent performance on mobile, web, and desktop platforms.
 - Implemented device portability ensuring the app operates flawlessly on Android, iOS, Windows, and web browsers.
 - Leveraged Dart for efficient performance to enable smooth interactions across all platforms simultaneously.
- **Atypical Teratoid Rhabdoid Tumor Detection With Advanced CNN, VGG-19 (Django,Flask,Keras,TensorFlow,Python):**
 - Developed a deep learning method for brain tumour detection using Python and VGG19 and CNN, which produced a 96% accuracy rate for early childhood tumour detection.
 - Utilized frameworks like OpenCV,Pillow and NumPy for advanced image preprocessing in ATRT detection.
 - Utilized TensorFlow, Keras, and deep learning to enhance ATRT detection, training on 3,000 images for high accuracy, and developed Django-based web applications with backend integration and dynamic UI templating.
- **Vit-Ap Web Development(HTML,CSS,JS,PHP,MySql):**
 - Developed dynamic website using HTML, CSS, JavaScript, PHP, and MySQL to enhance user interaction and experience.
 - Designed responsive layouts with HTML/CSS ensuring seamless display across various devices and screen sizes.
 - Integrated JavaScript for interactive features, implemented PHP/MySQL backend for dynamic content management and authentication, and optimized performance by streamlining code and database queries for faster load times and scalability.

CERTIFICATIONS

- **JAVA Programming (My Great Learning)** August 2024
- **Fundamentals of Deep Learning (NVIDIA)** March-2024
- **Soft Skills and Overview of Artificial Intelligence (TCS)** December 2023