

TK Vamshi Krishna

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PROFILE SUMMARY

- Innovative Computer Science graduate and tech enthusiast with expertise in Java, C++, MySQL, HTML, CSS, JavaScript, ReactJS. Skilled in developing scalable applications, writing efficient code, and collaborating in team environments. Passionate about tackling challenges through optimized solutions. Solved 250+ problems on LeetCode, CodeChef, and GeeksforGeeks, along with 100+ previous Online Assessment (OA) questions.

EDUCATION

- **Vellore Institute of Technology** CGPA: 8.45
M.Tech Integrated CSE (Core), Andhra Pradesh 2021 - 2026
- **Narayana PU College** Percentage: 76%
PCMC, Bengaluru, Karnataka 2019 - 2021
- **Narayana High School** CGPA: 8.7
SSLC, Hyderabad, Telangana 2019

SKILLS SUMMARY

- **Languages:** JAVA, C++, PHP, HTML/CSS, JavaScript, ReactJS
- **Database:** MySQL, Firebase, MongoDB
- **Platforms:** VS Code, Tomcat, Maven, Star UML, AWS, Cloudflare, GitHub
- **Concepts:** OOPS, Computer Networks, SDLC Methodologies, Data Structures, Database Management, Operating Systems, Computer Networks.
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking

EXPERIENCE

- **ItJobXS(www.itjobxs.com)** Remote
Web Developer July 2024 - Oct 2024
 - **Responsive Web Page Design:** Collaborated with team members to develop a responsive ItJobXS page on AWS, improving engagement by 30% for 10,000 users.
 - **User Verification and Authentication:** Implemented verification, reducing fake accounts by 85%, processing 5,000+ verifications daily on AWS with improved security measures.
 - **Recaptcha Integration:** Integrated Google Recaptcha v3, reducing bot traffic by 70%, handling 15,000+ authentication requests daily via AWS Lambda.
 - **Tech Stack:** HTML, CSS, JavaScript, MySQL, PHP, AWS EC2, and RDS for scalable development and deployment.

PROJECTS

- **Car Rental System (ReactJS, Vite, MongoDB, HTML, CSS, GitHub, Vercel) :** Jan 2025 - Mar 2025
 - Engineered a search bar for quick and efficient vehicle searches, enhancing user convenience and response time.
 - Created different categories of cars section for better navigation and user experience.
 - Enhanced application performance by introducing lazy loading, reducing initial load time by 1.5 seconds and refining API calls to cut data fetch time by 35%.
 - Implemented MongoDB integration to store booking details and efficiently manage data for seamless access and reliability.
- **HomYZ - Real Estate (ReactJS, Vite, HTML, CSS, API, GitHub, Vercel):** Nov 2024 - Dec 2024
 - Built a Single Page Application (SPA) for real estate, enhancing user experience with a dynamic and interactive UI.
 - Designed an intuitive property listing system, allowing users to browse and filter 50+ properties efficiently.
 - Applied responsive design and structured state management with Redux, reducing page load times by 50% and ensuring seamless navigation across devices.
 - Refined API calls and front-end rendering, leading to a 25% improvement in website performance.
- **eHealthDesk System (HTML, CSS, JavaScript, Bootstrap, PHP, MySQL):** Jul 2024 - Sep 2024
 - Implemented a healthcare platform using Agile methodology, enabling seamless appointment scheduling, medical record management, and telehealth consultations.
 - Enhanced user experience with an intuitive UI, resulting in a 30% increase in patient engagement and a 25% reduction in appointment scheduling errors through the use of regular expressions for input validation.
 - Strengthened security in eHealthcare by implementing encryption protocols, secure authentication systems, and stringent data privacy policies to safeguard sensitive patient information and ensure secure transactions.

CERTIFICATIONS

- **JAVA Programming (My Great Learning)** August 2024
- **Oracle Cloud Infrastructure (Oracle)** March-2024
- **Soft Skills and Overview of Artificial Intelligence (TCS)** December 2023