

TK Vamshi Krishna

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PROFILE SUMMARY

- Innovative Computer Science graduate and tech enthusiast with expertise in Java, Python, 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 300+ 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, Python, PHP, HTML/CSS, JavaScript, ReactJS, GIT
- **Database:** MySQL, Firebase, MongoDB
- **Platforms:** VS Code, MySql Workbench, AWS, Cloudflare, Tomcat, Maven, Star UML, 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