

TK Vamshi Krishna

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PROFILE SUMMARY

- Innovative Computer Science graduate and tech enthusiast with expertise in Java, C++, R, MySQL, HTML, CSS, and JavaScript. Skilled in developing scalable applications, writing efficient code, and collaborating in team environments. Passionate about tackling challenges through optimized solutions. Solved 200+ problems on LeetCode, CodeChef, and GeeksforGeeks, along with 100+ Online Assessment (OA) questions.

EDUCATION

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

SKILLS SUMMARY

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

EXPERIENCE

- **ItJobXS** Remote
• *Web Developer* July 2024 - Sep 2024
 - **Responsive Web Page Design:** Collaborated with 4 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, Bootstrap, PHP, AWS EC2, and RDS for scalable development and deployment.

PROJECTS

- **VPay Management Service (PHP, HTML, CSS, JS, MySql, AWS):**
 - Developed a payment service processing 1,200+ transactions monthly, ensuring seamless user experience.
 - Integrated SSL encryption for security, preventing data breaches and unauthorized access.
 - Optimized UI with HTML, CSS, JavaScript, reducing payment time by 30% and enhancing responsiveness.
 - Built PHP backend on AWS, handling 10,000+ users with efficient transactions and authentication.
 - Ensured 100% cross-platform compatibility for seamless web and mobile access, enhancing performance and user experience.
- **eHealthDesk System (HTML, CSS, JavaScript, Bootstrap, PHP, MySQL):**
 - Developed eHealthDesk, a healthcare management platform that streamlined appointment scheduling, medical record management, and consultation services, reducing time and workload by 40
 - 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.
 - Implemented robust measures in eHealthcare, including encryption protocols, secure authentication systems, and stringent data privacy policies, to safeguard sensitive patient information and ensure secure transactions..
- **Vit-Ap Web Development (HTML, CSS, JS, PHP, MySQL):**
 - Developed a dynamic website using HTML, CSS, JavaScript, PHP, and MySQL, increasing user engagement by 30%.
 - Designed responsive layouts with HTML/CSS, making the website easier to use on different devices and reducing user drop-off by 20%.
 - Added interactive features with JavaScript, built a PHP/MySQL backend for managing content and feedbacks, and improved website speed by optimizing code and database queries.

CERTIFICATIONS

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