

VAMSHI KRISHNA TANNEERU

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FULL STACK DEVELOPER

Skilled Full Stack Developer with a robust five-year track record in technology and innovation, proficient in both backend and frontend development across technologies such as NodeJS, Java, Python, Angular, and React. Expert in managing databases and integrating front-end systems for enhanced application functionality. Experienced with cloud platforms like AWS and GCP, I bring a solid foundation in blockchain technology and agile methodologies. My knowledge encompasses Kafka, including Confluent and KSQL, and I am adept at crafting smart contracts and building effective test cases using popular tools. Recognized for leading diverse teams and exceeding project goals, I am deeply committed to driving technological progress and contributing to impactful projects.

CORE PROFICIENCIES

Software Development Life Cycle (SDLC) | Cross-functional Collaboration | Test-Driven Development | Continuous Deployment | User Interface Design | Backend Development | Frontend Design | MVC Architecture | Cloud Services (AWS, Azure) | Team Collaboration | Code Optimization | API Integration | Acceptance Testing | Upgrade Support | User Documentation | Technical Documentation | Web Development.

TECHNICAL SKILLS

NodeJS, Java, Python, ExpressJS, Spring Boot, Angular, react: Used extensively in various projects, including "ChainChat" and the secure passport scanner application.

TensorFlow, Google Dialog flow: Applied in projects for AI and machine learning functionalities.

Docker, Kubernetes: Utilized for containerization and orchestration in cloud environments.

MongoDB, Redis, PostgreSQL, MySQL: Managed these databases across different applications for data storage and retrieval.

GCP, AWS: Leveraged these cloud platforms for deploying and managing applications.

VSCode, Eclipse, NetBeans, Heroku: Used these development and deployment tools in software projects.

Tools:

HTML5, CSS3, bootstrap 3, Swagger, Mocha, Jest: Used for front-end development and testing.

Test Driven Development, Test Automation, Unit Testing, NPM, PIP: Employed for software quality assurance and package management.

GIT, Bitbucket, Jira, Retrace, PM2, ExpressJS, Django, GraphQL: Utilized for version control, project management, application performance, backend development, and data querying.

Programming Practices:

RESTful APIs, JSON, Data Structures, Algorithms, JavaScript ES6: Integrated into many projects to enhance functionality and performance.

NGRX, Alfresco, EOSIO, Blockchain Architecture, Sawtooth Blockchain, Smart Contracts: Employed in projects like "ChainChat" for state management and blockchain-based solutions.

ACCOMPLISHMENTS

- Spearheaded a mission-critical project at Caratred Technologies, leveraging expertise in AngularJS, ReactJS, TypeScript, JavaScript, HTML, CSS, Node.js, MongoDB, and SQL.
- Cultivated efficient backend services using Node.js for real-time data processing, boosting operational efficiency. Sought guidance from NSJames, founder of Get Scatter, for integrating cryptocurrency payment solutions.
- Optimized MongoDB and SQL databases for enhanced data retrieval and storage, ensuring scalability and performance.
- Skilled in utilizing XML for data distribution, implementing JSX in React.JS projects, and leveraging JSON for efficient data interchange across multiple platforms.
- Orchestrated cross-functional collaboration between front-end and back-end teams, guaranteeing coordinated development efforts.
- Achieved significant boosts in user satisfaction and operational efficiency by integrating Java, Spring Boot, and Micro-services messaging technologies like AWS and Kafka. This prepared the architecture for future scalability and expansion.
- Spearheaded backend development using .NET and Java, integrating blockchain technologies like EOSIO and Sawtooth for secure transactions.

- Enhanced user interfaces using CSS, HTML5, and React, focusing on usability and user experience across web and mobile platforms.
- Managed complex databases with SQL Server and Oracle, employing MongoDB and PostgreSQL for high-efficiency data operations.
- Deployed robust IT infrastructure on cloud platforms like AWS, utilizing Docker and Kubernetes for scalable service delivery.
- Integrated TensorFlow and Google Dialogflow into software systems, leveraging Python for advanced AI-driven functionalities.
- Orchestrated full-stack development processes using Django and GraphQL, adhering to Agile and SDLC methodologies for optimal product delivery.
- Implemented security best practices in information management and network protocols, securing applications on Cisco and Linux systems.
- Designed and prototyped innovative products, utilizing CAD tools and mechanical engineering principles to meet precise industrial standards.

PROFESSIONAL EXPERIENCE

Taskial Solutions, London, UK

FEB 2020 – July 2022

Full Stack Developer (<https://www.cyberrmp.com>)

Committed to continuous growth and technological proficiency, skilled at seamlessly integrating new technologies into client projects to overcome unique challenges. Demonstrated excellence in meeting client needs through a versatile tech arsenal and innovative approaches, ensuring that project objectives were met and surpassed.

Selected Accomplishments:

- Implemented testing tools and employed Agile methodologies, specifically Scrum, to enhance our use of React and Vue.js in project development. This approach significantly improved our digital engagement by 30%.
- Revolutionized a local gym's client experience with a MERN stack-based web app, utilizing Spring MVC and SolarWinds WHD. Resulting in a 40% rise in client satisfaction and a 25% increase in user engagement

Caratred Technologies, Hyderabad, India

May 2018 – Nov 2019

Software Engineer (<https://www.caratred.com>)

Utilized NodeJS, Java, ReactJS, and AngularJS to significantly enhance web application functionality and streamline scripting automation, showcasing expertise in MongoDB and SQL database management. Implemented Object-Oriented Programming (OOP) principles and design patterns to optimize software development processes, employing GIT and VS Code for efficient workflow management.

Selected Accomplishments:

- Developed the Keelaa application, a running event platform in Thailand, focusing on backend services, microservices, and cloud deployment. Crafted UI/UX designs and conducted comprehensive unit and integration testing, completing the project 20% ahead of schedule and 15% under budget.
- Pioneered in the deployment of serverless architectures and blockchain technology, enhancing system performance by 30% and reducing operational expenses by 25%, demonstrating innovative problem-solving and technical expertise.
- Spearheaded the development of the Squared application, directly contributing to its success with over 50,000 users within six months, underlining significant impact through team collaboration and project innovation.
- Navigated through blockchain's complexities to enhance transactional efficiency by 40%, employing proactive problem-solving and effective stakeholder engagement, reflecting agility and determination in overcoming technological hurdles.

ADDITIONAL EXPERIENCE

Namstekisan, Hyderabad, Telangana, India

June 2016 – June 2017

Software Engineer (<https://www.namastekisan.com>)

- Boosted the Namstekisan e-commerce platform's performance using Java and Angular, reducing site load times by 25% and extending user session duration by 15% through front-end optimizations.
- Enhanced user experience by implementing Angular modules for dynamic content rendering and seamless navigation, resulting in a 30% increase in customer engagement and a 20% rise in page views.

- Leveraged Java and Spring Boot for backend improvements, achieving a 40% reduction in API response times, thus smoothing user interactions and data handling.
- Developed secure, Java-based payment integrations, enhancing transaction reliability, and boosting successful transaction rates by 35%.
- Automated routine tasks with Angular, improving operational efficiency by 25% and redirecting efforts towards strategic growth and enhanced customer support.

EDUCATION & CREDENTIALS

MSc, Information Systems & Business Analytics

Park University, US (2024)

MSc, Software Engineering with Professional Placement

Kingston University, London (2022)

B. Tech, Computer Science & Engineering

JNTU Affiliated University, Hyderabad, India (2018)