

Sri Vikas Ganugu

623-759-8493 | srvikasganugu@gmail.com | [LinkedIn](#) | [GitHub](#) | Dallas, TX

EXPERIENCE

Software Development Engineer II

Dec 2024 - Present

DaVita Inc.

- Developed micro services with Django, FastAPI, and .NET Core, enabling modular deployments and increasing system reliability across distributed environments.
- Optimized complex database queries across PostgreSQL, MongoDB, Redis, and DynamoDB, resulting in a 25% improvement in data processing time.
- Executed rigorous component and deployment testing, increasing software reliability and quality by 33%.
- Engineered scalable APIs via REST and GraphQL, improving system interoperability and reducing data retrieval latency by 40%.
- Implemented cloud architecture on AWS using Lambda, Docker, and Kubernetes, reducing infrastructure costs and improving uptime.
- Architected and deployed end-to-end full-stack solutions using React.js, Typescript, Node.js, and Spring Boot, enhancing patient portal efficiency and supporting 100+ clinics.
- Streamlined CI/CD pipelines with Jenkins, GitHub Actions, Terraform, and Postman, accelerating delivery cycles and ensuring high deployment stability.
- Built dynamic data visualizations using Power BI, Tableau, and D3.js, empowering clinical teams with real-time insights for operational decision-making.
- Collaborated in Agile teams following Scrum and DevOps practices, conducted peer code reviews, practiced TDD, and mentored junior engineers to promote engineering excellence.
- Demonstrated strong collaboration and communication skills by effectively working with cross-functional teams, including QA, DevOps, and product stakeholders, to deliver high-impact solutions on time and within scope.

Software Engineer - .NET Developer

Jun 2020 - Jul 2023

Vivma Software Inc.

- Led the development of secure and scalable web applications using .NET, .NET Core, C#, and SQL Server, improving performance and reducing production incidents by 30%.
- Collaborated with cross-functional teams to integrate RESTful APIs and third-party systems, automating manual workflows and improving data accuracy and Engineered modular backend services using ASP.NET MVC and Web API.
- Crafted responsive and user-centric UI components with HTML5, CSS3, Bootstrap, and JavaScript, enhancing user engagement and mobile compatibility.
- Enforced Azure-based cloud solutions leveraging Functions and Blob Storage, ensuring high availability and scalable infrastructure for distributed applications.
- Enhanced database efficiency by optimizing stored procedures, triggers, and indexing strategies in SQL Server and Oracle, improving query performance by 40%.
- Automated build and release processes through Git, Jenkins, and Docker, reducing deployment time and supporting continuous integration practices.
- Actively participated in Agile ceremonies, contributing to sprint planning, peer reviews, and writing unit/integration tests using NUnit and Postman for high-quality deliverables.
- Exhibited proactive problem-solving and critical thinking abilities by identifying system bottlenecks early, proposing innovative solutions, and mentoring junior developers to uphold code quality and team productivity.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript (ES6+), TypeScript, SQL, C++, C#, R, Bash, Go.

Web Technologies: React.js, Next.js, Angular, Vue.js, HTML5, CSS3, Bootstrap.

Frameworks/Libraries: Django, Flask, FastAPI, Spring Boot, Express.js, React.js, Angular, Vue.js, .NET, .NET Core.

Databases: PostgreSQL, MySQL, MongoDB, Microsoft SQL Server, Redis, Oracle, DynamoDB.

Cloud/DevOps: AWS (EC2, Lambda, S3, RDS), Azure (Functions, Blob Storage), Docker, Kubernetes, Jenkins, Git, GitHub, Terraform, Postman, Swagger, Jira.

Tools: Agile (Scrum, Kanban), Waterfall, DevOps Practices, CI/CD Pipelines, Test-Driven Development (TDD), Kanban

Soft Skills: Problem-solving, Analytical thinking, Team collaboration, Clear communication, Adaptability, Attention to detail, Time management, Accountability, Critical thinking, Leadership, Mentorship, Growth mindset

Certification: AI/ML, Python, Java, LLMs, GenAI, Agile SDLC, DSA, Software Engineering, RDBMS, Version Control.

EDUCATION

Arizona State University

Masters in Computer Software Engineering

Tempe, AZ

Aug 2023 – Dec 2024

Osmania University

Bachelors in Computer Science Engineering

Hyderabad, India

Aug 2019 - May 2023

ACADEMIC PROJECTS

Design Automation for Construction

- Optimized a PCB routing solution for a construction company, reducing the execution time from 17 minutes to just 1 minute by developing a Java-based routing solution removing redundant features and bugs for construction-scale design automation.
- Boosted software reliability by 30% through implementing test-driven development practices with comprehensive unit and integration testing, resulting in 45% fewer critical bugs across multiple sprints.

Cloud-Based Inventory Management System

- Developed and deployed a scalable, cloud-based inventory management system for a retail client, enabling real-time tracking of product stock across multiple locations and enhancing order fulfillment processes.
- Utilized .NET Core with C# and AWS (EC2, Lambda, S3) for cloud infrastructure, React.js for front-end, and Node.js with Express.js for backend API development.