

VENKATA SIVA VATTIKONDA

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SUMMARY

Versatile Software Engineer with progressive experience in backend and full-stack development, specializing in scalable software solutions, cloud computing, and secure transactions. Recent graduate with a strong foundation in Machine Learning, AI, and Agile methodologies. Proficient in languages like Java, Python, SQL, and modern CI/CD pipelines. Skilled in containerization and microservices, with a record of delivering impactful software solutions that align with business and security requirements.

Technical Skills

Languages : Java, Python, SQL, C, JavaScript, HTML5, CSS3

Databases : SQL Server, MySQL, Oracle, MongoDB

Frameworks & Libraries: Spring Boot, Hibernate, TensorFlow,

CI/CD Tools : Jenkins, Git, GitHub, Bitbucket, Docker, Kubernetes

Cloud Platforms: Microsoft Azure (Azure SQL Database, Azure Data Factory), AWS (RDS, S3)

Machine Learning: Scikit-learn, TensorFlow, NLP

Development Tools: Agile, Scrum, Version Control (Git, SVN)

Security : Data Encryption, Role-Based Access Control (RBAC), Secure API Development

Education

University of Missouri-Kansas City, MS in Computer Science

January 2023 – July 2024

- GPA: 3.6/4.0

NRI Institute of Technology, B.Tech in Computer Science

June 2018 – April 2022

- GPA: 9.2/10.0

Experience

Backend Developer

Wipro – Hyderabad, India

Sep 2021 – Nov 2022

- Engineered secure, scalable backend services using Java and Python for high-demand applications.
- Designed and integrated RESTful APIs with robust data handling and communication across services.
- Improved application performance through optimization and implemented production monitoring on AWS.

- Collaborated with stakeholders to align technical solutions with business requirements in Agile teams.
- Environment: Python, Django, SQL, Microservices, AWS, CI/CD (Jenkins), Agile, REST API, Git, Production Monitoring.

Full Stack Developer Intern

Wipro-Hyderabad, India

June 2021 – Aug 2021

- Contributed to front-end and back-end development for analytics applications with React.js and Node.js.
- Implemented APIs and microservices integration for high-performance solutions.
- Performed unit testing and optimized SQL queries for improved performance.
- Collaborated in Agile environment, enhancing cross-team knowledge and project success.

Projects

Home Inventory Management System

- Developed a full-stack system to manage and track home inventory with advanced search/filter options.
- Used Docker for containerization and Jenkins CI/CD pipeline for seamless deployment.

Tools: Java (Spring Boot), React.js, MySQL/MongoDB, Docker, Jenkins

Product Catalog and Recommendation Engine

- Built a catalog system for product management with recommendation features based on item data.
- Simulated supply chain tracking with real-time product movement between locations.

Tools: Python (Django), SQL, Machine Learning for recommendations, Docker, REST APIs, Terraform

Ready to Contribute: Recently graduated and fully prepared to make an immediate impact by applying a solid foundation in software development and a proactive approach to solving complex technical challenges.