

VENKATESH PANGULURI

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SKILLS

Programming Languages: C, Java/JEE, Ruby, JavaScript, Python

Technologies: HTML5, CSS3, NodeJS, ReactJS, AngularJS, MVC, Spring Framework, Jenkins, Microservices, Hibernate, Bootstrap, jQuery, RESTful APIs, SOAP, Spring Boot, Elasticsearch, Junit

Database: Oracle Database, MongoDB, PostgreSQL, MySQL, SQL, Neo4j

Cloud Services and Automation: AWS, Azure

Software Tools: Visual Studio Code, GIT, Bitbucket, JIRA, Eclipse, Azure DevOps, Splunk, Apache Kafka, Spark, Tomcat, Kubernetes, Postman API, Docker, Terraform

Other: Maven, Agile, Data Structures, Algorithms, Machine Learning, Linux, Windows

EXPERIENCE

AMERIPRISE FINANCIAL SERVICES | Java, Spring, NodeJS, PostgreSQL, AWS

Java Full Stack Developer | September 2023 – Present, Minneapolis, MN

- As a Java Full Stack Developer, I collaborated in a team of 10 to 15 members, focusing on designing and developing custom interfaces and integrating spring controllers with JSP using jQuery.
- Developed business web applications utilizing Spring Boot and React frameworks.
- Transformed mock-ups and wireframes into responsive web applications using ReactJS, resulting in a 25% increase in mobile traffic.
- Designed and managed relational databases using PostgreSQL, and optimized complex SQL queries, including subqueries, and joins to improve data retrieval.
- Designed and implemented a real-time data processing pipeline using Apache Kafka and Apache Spark, resulting in a 40% improvement in data throughput.
- Developed and optimized Elasticsearch queries to enhance search capabilities and deliver faster and more relevant results, reducing query response time by 30%.
- Integrated AWS DevOps for CI/CD pipelines, reducing deployment time by 50% and ensuring consistent and reliable software releases.

INFOSYS | Java, Spring, Oracle, Jira, Microservices, Git, SonarQube, AWS, SDLC

Systems Engineer | January 2021 – January 2022, Hyderabad, Telangana, India

- Designed web applications for a major German multinational chemical company, leading to a 50% improvement in overall performance using Java, Spring, and AWS.
- Prioritized and analysed business requirements, epics, and user stories in collaboration with product owners using JIRA and Confluence.
- Integrated RESTful APIs with ReactJS components, enabling seamless data fetching and updating from backend, improving application functionality and performance.
- Implemented OAuth authorization protocol using NodeJS, ensuring secure access for multiple users across diverse client applications.
- Designed and optimized complex queries and database schemas in Oracle, resulting in a 30% improvement in query performance and database efficiency.
- Implemented caching solutions using Redis and managed background task processing using Redis queues, optimizing task scheduling and execution.
- Implemented automation testing using JUnit and Mockito, improving software quality, and ensured data integration and real-time processing using Apache Kafka.
- Utilized AWS services such as EC2, S3, Lambda, RDS, ECR, and CloudFormation to design and deploy scalable and reliable web applications.

INSTASAFE | Java, NodeJS, jQuery, Oracle, REST APIs, Azure, Agile

Java Software Engineer | January 2020 – January 2021, Bengaluru, Karnataka, India

- Contributed to software application design and development using Java, NodeJS, ReactJS, Oracle, and Microservices.
- Ensured timely project delivery in complex environments by embracing Agile methodologies and leveraging Node.js for efficient backend development.
- Utilized Jira, Bitbucket, Confluence, and Git for project tracking and collaboration.
- Streamlined application deployment and enhanced efficiency using Azure services.
- Optimized data retrieval and integration with the UX team through Spring REST APIs, utilizing jQuery for dynamic content updates and Postman API for efficient testing and debugging.
- Automated deployment processes on Tomcat using Jenkins, improving deployment efficiency and minimizing downtime.

EDUCATION

UNIVERSITY OF MEMPHIS (UOFM)

Master of Science, Computer Science
December 2023 | Memphis, TN
GPA: 3.88/4.00

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING (GVPCOE)

Bachelor of Technology, Electronics and Communications Engineering,
September 2020, Visakhapatnam, AP
GPA: 3.20/4.00

HONORS

GRADUATE TEACHING ASSISTANT

For top 5 percent students in the computer science course,
University of Memphis, Memphis, TN
September 2022 – May 2023

INTERNATIONAL MERIT SCHOLARSHIP

For good score in GRE test (321/340),
University of Memphis, Memphis, TN

CLASS REPRESENTATIVE

For top rank in Engineering entrance test in the class,
Gayatri Vidya Parishad College of Engineering, Visakhapatnam, AP
August 2016 – September 2020

FEE REIMBURSEMENT SCHOLARSHIP

For top 1 percent students in the Engineering entrance test
Gayatri Vidya Parishad College of Engineering, Visakhapatnam, AP, 2016

COURSEWORK

Data Structures
Algorithms and Problem Solving
Foundations of Software Engineering
Database Systems
Advanced Database Systems
Data Mining
Foundations of Computing
Machine Learning
Operating and Distributed Systems
Network/Internet Security
VLSI Design

ORGANIZATIONS

Hearts of Humanity – Social Activities Organizer
Rotaract – Member/Volunteer

INTERESTS

Sports | Fitness | Traveling | Technology