VENKATESH PANGULURI

Memphis, TN | pangulurivenkatesh7@gmail.com | +1 9016488014 | [LinkedIn](#) | [GitHub](#) | [Website](#)

SKILLS

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

Technologies: HTML5, CSS3, ReactJS, AngularJS, HTML, CSS, MVC, Spring Framework, Jenkins, Microservices, Hibernate, Bootstrap, jQuery, RESTful APIs, SOAP, Spring Boot, Elasticsearch, SOLR, 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, MongoDB, Azure

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.
- Utilized MongoDB to design and manage NoSQL databases, enhancing data retrieval performance and scalability for web applications.
- Designed and implemented a real-time data processing pipeline using Apache Kafka and Apache Spark, resulting in a 40% improvement in data throughput.
- Designed and implemented a robust data indexing system using Apache SOLR, improving search performance and accuracy by 40% for large datasets.
- Integrated Azure 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, 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.
- Prioritized and analysed business requirements, epics, and user stories in collaboration with product owners using JIRA and Confluence.
- Implemented OAuth authorization protocol using NodeJS, ensuring secure access for multiple users across diverse client applications.
- Conducted production feature demonstrations to stakeholders, ensuring a smooth rollout process, and used Splunk for monitoring and analysing logs.
- Designed and optimized complex queries and database schemas in Oracle, resulting in a 30% improvement in query performance and database efficiency.
- Implemented automation testing using JUnit and Mockito, improving software quality, and ensured data integration and real-time processing using Apache Kafka.
- Developed and optimized Elasticsearch queries to enhance search capabilities and deliver faster and more relevant results, reducing query response time by 30%.
- Managed the end-to-end project lifecycle, enhancing processes by 30% to meet stringent deadlines ensuring quality.

INSTASAFE | Java, NodeJS, jQuery, Oracle, REST APIs, AWS, 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 AWS 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