

VISHNU TEJ NANDA KUMAR

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Results-driven Java Full-Stack Developer with over three years of experience designing, developing, and deploying scalable enterprise software applications using Java, Spring Boot, and Angular in fast-paced agile environments. Proficient in building end-to-end web and cloud-based solutions, with a strong focus on microservices architecture, RESTful APIs, and high-availability deployments on Microsoft Azure. Adept at collaborating with cross-functional teams and stakeholders to innovate, optimize, and deliver client-focused SaaS offerings that enhance system performance and user experience.

CORE COMPETENCIES

Backend Skills: Java, Spring MVC, Spring Boot, Go, Python, REST APIs, SOAP APIs, micro-services, debugging, Kafka

Frontend Skills: TypeScript, JavaScript, Angular, Vue.js, React JS, HTML5/CSS

Database Skills: Relational Databases – PostgreSQL, DB2, ORM (Hibernate, JPA), Non-Relational Database – MongoDB (NoSQL)

DevOps Skills: Version Control (SVN, Git, GitHub), Containerization (Docker), Jenkins, Agile Methodologies, Confluence, Jira

Cloud Skills: Microsoft Azure (Deployment, Scalability), AWS Basics

Soft Skills: Problem-Solving, Collaboration, Communication, Adaptability, Critical Thinking

PROFESSIONAL EXPERIENCE

Software Developer - CS 2

Dec 2023 – Mar 2025

Canada Revenue Agency, Halifax, NS

Technologies Used: Java, Angular, Vue.js, Spring MVC, Maven, TypeScript, GraphQL, RESTful, DB2, PostgreSQL, Azure, JPA, Mongo, Jenkins, Docker, Kubernetes, GitHub Actions, Agile, unit testing (JUnit, Mockito)

- Developed and maintained a **Java-based T3 enterprise SaaS system using Spring Boot and Maven**, deploying scalable updates to Azure to support tax processing for thousands of users.
- **Developed and optimized an Angular-based enterprise SaaS platform**, improving UI performance and accessibility for thousands of users.
- **Integrated GraphQL APIs** for dynamic data fetching, reducing payload sizes and **improving frontend response times by 30%**.
- **Enhanced security** by implementing **OAuth2, JWT authentication, and secure API gateways**, ensuring compliance with **OWASP security standards**.
- Collaborated with stakeholders to **resolve 70%+ of high-priority issues** through root cause analysis and SQL data fixes, ensuring system uptime and stability in an Agile environment.
- **Enhanced code quality by 20%** through microservices refactoring and scalability improvements, driving innovation in system architecture using JIRA sprints and Git workflows.
- **Automated CI/CD pipelines** using **GitHub Actions and Jenkins**, **reducing deployment time by 40%** and **release cycles by 15%** to support rapid iteration and ensuring high-quality releases.
- **Led frontend performance optimizations**, implementing **lazy loading, tree shaking, and caching strategies** that improved page load times by **20%**.

Software Engineer (Identity and Access Management)

Aug 2020 - Aug 2022

Micro Focus / Open Text, Bengaluru, India

Technologies Used: Java, Go, React.js, TypeScript, RESTful APIs, Microservices, Kafka, Spring Boot, PostgreSQL, JSON, Python, Docker, Azure, Linux, Shell Scripts

- **Designed and developed RESTful APIs using Java and Go** for the backend within a microservices architecture, enabling secure data exchange for enterprise solutions.
- **Developed scalable Angular applications with micro front-end architecture**, enabling seamless integration across multiple enterprise systems.
- **Built and consumed GraphQL APIs**, improving query efficiency and **reducing API over-fetching by 25%**.
- **Built 30%+ of React-based UI components**, delivering intuitive front-end interfaces while mentoring peers on best practices.
- Implemented a **Kafka-driven Cloud-Bridge** for secure data transfer between on-premises and Azure environments, enhancing interoperability and supporting message queuing expertise.
- **Automated cloud database configurations** with Python scripts, **reducing setup time by 90%** and optimizing scalable services.
- **Integrated role-based authentication and OAuth2 security policies**, strengthening application security and compliance with industry standards.

EDUCATION

MSc in Computing and Data Analytics,

Sep 2022 - Dec 2023

Saint Mary's University, Halifax, Canada

Relevant Coursework: Big Data (Hadoop, Scala, Spark, Kafka) and Project Management, Development (Java, Node.js, React and React Native, .Net (C#)), Cloud Integration – AWS and Azure, Object Oriented Programming

CERTIFICATIONS/ ACHIEVEMENTS

- [Microsoft Azure AZ-900 Cloud Fundamentals Certification](#)
- Executive-to-Employee Recognition by [John Delk](#) at Micro Focus / Open Text.