

# VEEKSHITH GULLAPUDI

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## SUMMARY

Full-Stack Java Developer with over **5 years of experience** building and supporting **scalable, secure, and high-performance enterprise applications** within **banking and financial services** environments. Strong proficiency in **Java, Spring Boot, RESTful micro services**, and modern front-end technologies including **React and Angular**, complemented by hands-on experience in **AWS cloud architecture and DevOps practices**. **AWS Certified Solutions Architect** with recent experience integrating **Generative AI**, developing AI-enabled applications using **LLMs, FastAPI, and cloud-native design patterns**. Demonstrated success in supporting **regulatory reporting systems (FINRA/OCC)**, modernising legacy platforms, optimizing performance, and delivering reliable solutions in **Agile, production-critical environments**.

## TOP SKILLS

- **Front-End:** React, Angular, JavaScript (ES6+), TypeScript, Redux, HTML5, CSS3
- **Back-End:** Java, Spring Boot, Node.js, Express.js, RESTful APIs
- **Databases:** MySQL, Oracle, PostgreSQL
- **Build/Tools:** Git, GitHub, Maven, Gradle, Jenkins, CI/CD, Linux
- **Other:** SDLC, Agile/Scrum, Test Automation, Unit Testing (JUnit, Mockito), SaaS applications, Product Support, Performance Optimization
- Strong communication and collaboration skills for remote teams.

## CERTIFICATIONS

- **Python** for Data Science by **IBMSkillsBuild**
- Data Fundamentals by **IBMSkillsBuild**
- Certified **AWS Solutions Architect – Associate**
- AWS Essential Training for Developers
- Project Development using JAVA
- Java Collections Framework and APIs
- The Complete Web Developer: Zero to Mastery
- Complete MongoDB Bootcamp

## EXPERIENCE

### Professional Development & Independent Projects

Nov 2024 – Present

- Earned **AWS Certified Solutions Architect – Associate** (May 2025), strengthening expertise in cloud architecture, scalability, security, and cost optimization.
- Built strong proficiency in AWS core services (**EC2, S3, IAM, VPC, Lambda** fundamentals) through hands-on labs and cloud-native design exercises.
- Designed and developed a **Generative AI-powered Resume Generator**, automating resume tailoring based on job descriptions.
- Integrated Google **Gemini LLM** (gemini-flash-latest) to generate and refine resume summaries, experience bullets, and skills using AI-driven content generation.
- Applied prompt engineering techniques to control tone, relevance, and structure of **AI outputs**, improving consistency and ATS compatibility.
- Implemented context-aware AI workflows, combining job description semantics with resume data to produce role-specific, targeted enhancements.
- Designed **post-processing and validation logic** to reduce AI hallucinations and ensure accurate, recruiter-friendly outputs.
- Developed a full-stack architecture using **Python (FastAPI), React, Angular, and SQLite**, integrating scalable async AI APIs with modern UI workflows.
- Followed clean architecture, **REST API design**, secure coding practices, and enterprise-style modular development standards.
- Strengthened **DevOps** and engineering discipline through Git-based version control, CI/CD concepts, and ongoing preparation for **AWS Developer certification** (Jan 2026).

## IT Developer

Oct 2022 – Oct 2024

### BNP Paribas – Montreal, Canada

- Reviewed code, debugged problems and corrected issues.
- Adjusted design parameters to boost performance and incorporate new features.
- Developed **RESTful micro services** using **Spring Boot** and Spring Core, ensuring scalability and easy integration with other systems.
- Implemented advanced configuration using Spring Profiles to handle multiple environments (development, testing, production).
- Modernised legacy components by upgrading outdated libraries/frameworks and resolving major **security vulnerabilities** (Log4j, Struts, CVE patches).
- Supported daily **FINRA Rule 2360A** regulatory reporting by validating Bloomberg data, applying rule-based controls, and generating OCC-compliant option position files.
- Implemented and supported **LOPR (Large Options Position Reporting)** logic in FESTER, handling position aggregation, in-concert accounts, and multi-leg strategies across asset classes.
- Built workflows to compute and validate **delta-neutral adjustments** for **OCEND** reporting, ensuring compliance with OCC-approved pricing and delta models.
- Translated **FINRA/OCC rule** updates into technical specifications and Java-based rule enhancements, ensuring continued reporting accuracy as regulatory guidelines evolved.
- Engineered high-performance Java components integrated with **Autosys job flows**, ensuring timely execution of critical regulatory tasks such as reconciliation, validation, and OCC file generation.
- Participated in regulatory audits and walkthroughs, demonstrating understanding of Java-based workflows, data lineage, and system controls supporting LOPR/OCEND reporting.
- Automated critical tasks using **shell scripts and Python**, improving data validation accuracy and processing efficiency across reporting pipelines.
- Led the **Oracle 12c → 19c migration**, optimizing schema performance, validating ETL impacts, and ensuring seamless post-migration stability.
- Led **Disaster Recovery (DR) tests** twice yearly, ensuring system resilience and compliance with enterprise standards.
- Maintained detailed **Confluence documentation**, RCAs, SOPs, and audit deliverables; managed tasks through Jira using STAR-based descriptions.
- Coordinated with **RRC, APS, and support teams** for requirement updates, release planning, and workflow improvements.
- Participated in **Change Management** processes for production deployments and post-release validations.
- Contributed to system modernisation, automation improvements, and adoption of scalable/cloud-ready practices.
- Employed coding practices based on commonly accepted standards to establish site layout and user interface.
- Managed development milestones from initial steps through final delivery.
- Experience in developing web-based interface (UI) to provide the best user experience in **JavaScript, Angular, ReactJS, CSS3, NodeJS, Bootstrap, jQuery, AJAX, and JSON**.
- Participated in the full software development lifecycle, from requirements analysis and design to implementation, testing, and deployment.
- Developed scalable backend services using **Java, Spring Boot, Hibernate**, and RESTful APIs.
- Implemented Git flow for version control and managed CI/CD pipelines for seamless deployments
- Provided technical guidance to colleagues and APS Team and assisted in cross-team knowledge sharing.

## Full Stack Developer

Jan 2022 – Aug 2022

### Morgan Stanley – Montreal, Canada

- Orchestrated efficient large-scale software deployments.
- Implemented **Angular Universal** to enable server-side rendering (SSR), enhancing **SEO** and decreasing the application's time-to-interactive.
- Performed large-scale data manipulation, preprocessing, and statistical analysis using **Pandas, NumPy**, and **Python** libraries.
- Developed asynchronous **FastAPI** endpoints to enhance throughput and minimise latency for I/O-heavy workflows.
- Integrated **APIs** with databases, message queues ensuring secure access, logging, and production readiness.
- Enhanced front-end performance using **Next.js** and server-side rendering for SEO improvements.
- Designed and implemented scalable REST APIs using **Express** and **Node.js**.

- Built responsive UI components with **SCSS modules** and **Bootstrap**, ensuring cross-browser compatibility.
- Integrated third-party APIs for real-time data and notifications, improving user engagement.
- Collaborated with DevOps teams to manage deployments on **AWS** and handle DNS configurations with Cloudflare.
- Implemented **unit tests and integration tests** using JUnit and Mockito to ensure quality and maintainability.
- Performed debugging, troubleshooting, and performance tuning in complex production environments.
- Contributed to **agile ceremonies**, sprint planning, code reviews, and continuous improvement practices.
- Coordinated with other engineers to evaluate and improve software and hardware interfaces.

## Project Engineer

Feb 2018 – Jan 2019

### Wipro – Hyderabad, India

- Designed and developed RESTful APIs for data exchange and backend processes.
- Conducted performance optimisation using **lazy loading** and **code splitting** in React applications.
- Worked with **MySQL and Oracle databases**, writing optimized SQL queries and contributing to schema design.
- Built reusable components, adhered to design patterns, and followed best practices in object-oriented programming.
- Participated in cross-functional projects while working in lean development environments
- Worked with the quality assurance team to set up scripts, test cases, and automation protocols
- Developed robust Java code for large web applications.
- Applied C++ fundamentals in implementing data structure and algorithm-based solutions for internal tools and performance optimisation prototypes.
- Designed and developed a **scalable RESTful API** using **Node.js** and **Express**, enabling efficient communication between the front-end and database.
- Integrated **WebSockets** for real-time messaging and notifications between users.
- Experience in consuming third-party RESTful web services (APIs) using AJAX and jQuery and in developing application functionality (CRUD) features using NodeJS and ExpressJS as middleware.
- Conducted performance optimization using tools like **React DevTools** and **lazy loading** for images and components.

## Junior Software Engineer

Jun 2017 – Jan 2018

### India E-Learn – Hyderabad, India

- Participated in performance analysis, Design, Development and Testing
- Collaborated in a team-based, Agile environment to accomplish objectives by deadlines
- Reviewed code and debugged errors to improve performance
- Worked with the quality assurance team to set up scripts, test cases, and automation protocols
- Discussed project progress with customers, collected feedback on different stages, and directly addressed concerns.
- Researched new technologies, software packages, and hardware products for use in website projects

## EDUCATION

- Post Graduation Diploma, Business Analyst, **Montreal College of Information Technology** – 2021.
- Post Graduation Diploma, Web Application Development, **Montreal College of Information Technology** – 2020.
- B.Tech, Computer Science Engineering, **AVN Institute of Engineering and Technology** – 2017.