**AMARNATH REDDY VAKA**Phone: 847-525-7705 | Email: amar.vaka@outlook.com  
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**SUMMARY**Around **8** years in IT specializing in Java and J2EE technologies. Skilled in Java Developer, Spring Framework, microservices, AWS, and CI/CD pipelines.

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**EDUCATION  
Master of Science, Computer Science**  
DePaul University, Chicago, IL | Sep 2021 - Nov 2023  
**Bachelor of Technology in Computer Science and Engineering**  
Hyderabad, India

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**TECHNICAL SKILLS**

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| **Languages** | Java (8/11/17), Javascript, Typescript, PL/SQL |
| **UI Technologies** | HTML5, CSS3, JavaScript, jQuery, Bootstrap, ReactJS, Angular, Node.js |
| **Frameworks** | Spring Boot, Spring Batch, Spring Security, Hibernate, Vert.x |
| **App Servers** | Apache Tomcat, WebSphere, WebLogic, JBoss |
| **DevOps Tools** | Maven, Gradle, Jenkins, GitLab CI, Kubernetes, Docker |
| **Cloud Technologies** | AWS (ECR, S3, ECS, EKS, RDS, CDN), Azure (AKS, Web Apps, Functions) |
| **Version Control** | GitLab, GitHub, Bitbucket |
| **Testing Tools** | JUnit, Postman, SOAPUI, Mockito, Splunk, CloudWatch |

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**WORK EXPERIENCE**

**Java Full Stack Developer Apr 2023 – Nov 2024  
Sidecar Health, Colombus, OH**

* Designed, developed, and maintained responsive web applications using React.js, Node.js (NestJS, Socket.IO), and Spring Boot for microservices, integrating seamlessly with backend systems.
* Built SPAs using React.js components, **hooks**, **Context API**, **state management**, and **React Router** for dynamic, user-friendly navigation.
* Actively participated in **Agile** development, including Scrum meetings and sprint planning, ensuring alignment with project goals.
* Designed optimized **PostgreSQL** schemas, wrote efficient SQL queries, and managed schema changes using Liquibase for smooth migrations.
* Implemented authentication and authorization using AWS Cognito, **OAuth 2.0**, and **JWT** to ensure secure access control.
* Leveraged advanced **Java 8** features like Lambda expressions and Stream API for performance optimization.
* Directed the management of **CI/CD** pipelines with **Jenkins**, integrating Docker containers and Kubernetes for efficient deployment.
* Developed unit tests with JUnit, Mockito, utilized Log4j and Splunk for application logging and troubleshooting.
* Proficient in leveraging **OpenStack** for private cloud infrastructure management and **OpenShift** for container orchestration, enabling seamless hybrid cloud solutions for scalable, enterprise-grade applications.
* Developed and deployed scalable cloud-native applications using **AWS** services like EC2, Lambda, ECS, RDS, S3, DynamoDB, and API Gateway.

**Environment:** React.js, Node.js (NestJS), Spring Boot, PostgreSQL, Liquibase, AWS (Cognito, EC2, Lambda, ECS, RDS, S3, DynamoDB, API Gateway), OAuth 2.0, JWT, Java 17 (Lambda, Stream API), Jenkins, Docker, Kubernetes, JUnit, Mockito, Log4j, Splunk, REST APIs, Git, Postman, Embedded Tomcat, Agile (Scrum).

**Oracle Developer/Java Developer May 2017 - Jul 2021  
TechMahindra, Hyderabad, India**

* **Designed and deployed** **Oracle SOA** Suite modules, leveraging Java EE to create high-quality RESTful and SOAP web services.
* Built Single Page Applications (SPAs) utilizing **ReactJs** components, hooks, context API, state management, event handling, and React Router for dynamic navigation.
* **Integrated** of Enterprise Business Systems (**EBS**), **B2B**, and **GXS** using Service-Oriented Architecture (**SOA**), ensuring seamless data flow and efficient operations with partners like Walmart and Amazon.
* **Implemented JMS for asynchronous messaging**, enhancing decoupled and scalable communication within SOA services.
* Developed and deployed SOAP web services using **Spring Boot**, ensuring secure, scalable, and high-performance service architecture.
* Integrated **Spring** WS (Web Services) for building contract-first SOAP services, enabling seamless communication between enterprise systems.
* **Established CI/CD pipelines** to automate delivery processes, reducing deployment time and minimizing errors.
* Designed and maintained **WSDL** and **XSD** files for defining service contracts and ensuring compatibility with partner systems.
* **Conducted rigorous testing and performance tuning**, ensuring high reliability and scalability of integration solutions to meet growing business demands.
* Crafted and optimized **SQL**, achieving optimal data manipulation and interaction for complex database operations.

**Environment:** Oracle SOA Suite, Java EE, Spring Boot, React.js, JMS, SOAP, RESTful APIs, Spring WS, WSDL, XSD, CI/CD, Jenkins, SQL, Oracle Database, B2B, EBS, GXS, Walmart, Amazon, React Router, Context API, Docker, Kubernetes, Git.

**Java Developer August 2016 – March 2017**

**Bitwise Inc, Pune, India**

* Designed and implemented cloud-hosted microservices and RESTful APIs using Spring Boot, Spring Core, and Spring MVC, with embedded Tomcat for seamless deployment.
* Developed and enhanced web interfaces and business logic using JSP, Servlets, Spring JDBC, JavaScript, HTML, and XML, ensuring efficient communication between frontend and backend components.
* Leveraged AWS services like EC2, S3, and Lambda to build scalable, serverless solutions and ensure high-performance application hosting.
* Utilized GIT for version control and performed comprehensive API functionality testing with Postman, JUnit, and Mockito for quality assurance.
* Gained expertise in Core Java concepts, including Collections Framework, Exception Handling, Multi-Threading, JDBC, and Generics, contributing to robust backend functionality.

**Environment:** Spring Boot, Spring Core, Spring MVC, Embedded Tomcat, JSP, Servlets, Spring JDBC, JavaScript, HTML, XML, AWS (EC2, S3, Lambda), Git, Postman, JUnit, Mockito, Core Java (Collections Framework, Exception Handling, Multi-Threading, JDBC, Generics), RESTful APIs.

**Java Developer Dec 2015 – July 2016**

**Sudhi Informatics,Hyderabad,India**

* Developed scalable, microservices-based backend solutions using Spring Boot, Spring MVC, and RESTful APIs, leveraging Spring Security and JWT for secure authentication.
* Designed dynamic user interfaces with Sencha EXT-JS, jQuery, and AJAX, ensuring responsive and data-driven web applications.
* Built CI/CD pipelines using Jenkins, Maven, for automated build, deployment, and testing, enhancing release efficiency.
* Utilized AWS services (EC2, S3, Lambda) and implemented Hibernate ORM with JPA for robust data access and cloud-native solutions.
* Performed unit and integration testing using JUnit, Mockito, Selenium, and Postman for API validation, ensuring application reliability.

**Environment:** Spring Boot, Spring MVC, RESTful APIs, Spring Security, JWT, Sencha EXT-JS, jQuery, AJAX, Jenkins, Maven, AWS (EC2, S3, Lambda), Hibernate, JPA, JUnit, Mockito, Selenium, Postman, CI/CD.