

AADHITHYA VIJAYAKUMAR

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TECHNICAL SKILLS

Frontend	: HTML, CSS, JavaScript, React, Redux, Angular, TypeScript, Tailwind
Backend	: Python, Java, C#, C++, Node.js
Database	: MySQL, PostgreSQL, SQL Server, Apache Cassandra, MongoDB
Frameworks	: Django, SpringBoot, .NET, Kafka, Pytest, JUnit, Jest, REST
Tools and IDE	: Visual Studio Code, PyCharm, SQL Developer, Jenkins, Kubernetes, Postman, Jira
Cloud	: Amazon Web Services (AWS), Google Cloud Platform (GCP)
Version Control	: Git, GitHub

EXPERIENCE

Java Software Developer (Contract) Goldman Sachs	Aug 2024 - Present
<ul style="list-style-type: none">Enhanced risk controls across critical team owned applications using Java/SpringBoot and Dropwizard frameworks integrated with relational databases, reducing risk exposure and improving real-time compliance monitoring.Streamlined deployment processed with CI/CD pipelines through GitLab and Bash automation scripts, reducing manual intervention, and increasing system reliability.	
Web Software Developer University of Utah	Aug 2023 – Aug 2024
<ul style="list-style-type: none">Designed an application to support easy scheduling of class meetings using advanced JavaScript and React functionalities supported by a Java SpringBoot, Hibernate backend, reducing administrative workload by 40%.Analyzed Zoom meeting interactions and related details by establishing streamlined API connections, incorporating C++ web scraping techniques and utilizing OAuth 2.0 tokens for secure access.Engineered a Student Field Tracker app integrating AngularJS, C# and ASP.NET with GraphQL APIs and MS SQL Server, increasing data retrieval speed by 60%.Collaborated with the cloud team to integrate the database and deploy the codebase using AWS DevOps pipelines, enhancing cloud application performance.	
Software Development Intern Grid Elevated	Jan 2023 - Aug 2023
<ul style="list-style-type: none">Deployed Apache Kafka for real-time data streaming, reducing data latency and improving data processing.Engineered robust SSL/TLS encryption standards that safeguarded the transport of client data, resulting in zero data breaches reported over a 6-month period and bolstering client confidence in service reliability.Created a high-performance, client-accessible website with React.js, Redux, JavaScript, and Python, implementing reusable UI components and performance optimization techniques, driving a 40% surge in client engagement.Integrated the database in AWS RDS and hosted the codebase in AWS EC2, thus improving scalability.	
Software Engineering Consultant JPMorgan Chase & Co	Oct 2021 - Jul 2022
<ul style="list-style-type: none">Developed and optimized secure transaction processing workflows in Java Spring Boot Microservices and Spring MVC with Maven, streamlining payment processes for clients, enhancing transaction accuracy by 30%.Enhanced system reliability through rigorous TDD practices, performing frequent unit tests with JUnit and Mockito, resulting in a decrease in production errors.Streamlined the CI/CD process through Jenkins and Kubernetes, achieving a reduction in deployment errors and maintaining seamless application availability across different release versions.Facilitated agile frameworks to construct and administer detailed user stories via Atlassian Jira and Confluence.	
Software Developer Intern John Wiley & Sons, Inc.	May 2021 - Oct 2021
<ul style="list-style-type: none">Designed innovative user-friendly interfaces with technologies like React.js, HTML5 and CSS3, JavaScript and jQuery while simultaneously, developing robust server-side logic and APIs using Java, Python.Transformed complex data systems across SQL and NoSQL databases, boosting retrieval efficiency by 40%.Championed the development of 18 comprehensive automation test scenarios aimed at ensuring cross-browser compatibility, which resulted in a 90% success rate during the initial testing phase, enhancing user experience.	

EDUCATION

University of Utah, Salt Lake City, UT: Master of Science in Information Systems	Dec 2023
Anna University, Chennai, IN: Bachelor of Engineering in Electronics and Communication	Apr 2021

PROJECTS & CERTIFICATIONS

- Quiz Master Application:** Developed an application allowing students to select and complete quizzes, categorized by topics, with flexible question choices and automated percentage calculation.
- AWS Certified Solutions Architect Associate.**