# GNANENDRA CHINTHAMANI

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## EDUCATION

**Vel Tech University**                                                                                                          Chennai
Bachelor of Technology in Electronics and communication Engineering, *GPA: 8.3*                  2018 - 2022

## PROFESSIONAL EXPERIENCE

**DXC Technology**                                                                                                            Hyderabad
*Analyst II Software Engineer*                                                                       June 2023 - Present

- Designed and implemented the migration of a legacy Java 1.8 monolith to a microservices architecture in Java 17, improving system scalability, deployment flexibility, and performance.

- Migrated 3 enterprise-level applications built on Java 1.8 from legacy WebSphere Application Server (WAS- on premises) environments to and 17, ensuring compatibility and performance optimization and deployed in AWS ROSA clusters and implemented Azure Entra (Azure AD) for enterprise SSO.

- Removed deprecated Tiles configuration used for UI built using JSP, Spring MVC. Developed dynamic front-end components using Angular and integrated them with back-end services via RESTful APIs, enabling seamless data exchange and responsive UI interactions.

- Migrated API and web services from on-premises to AWS. Integrated with Azure Entra ID to implement JWT-based authentication for secure API access.

- Refactored a complex monolithic app into modular microservices using the SAGA pattern

- Implemented Test Driven Development using Junit5 and Mockito to ensure code quality and functionality.

- Followed Test-Driven Development (TDD) to build microservices using Spring Boot, improving code reliability and reducing post-deployment bugs by 30%.

- Developed comprehensive unit and integration tests using JUnit and Mockito to validate investment and loan modules prior to implementing business logic, ensuring high code reliability and to defect detection.

- Conducted regression testing and API testing via Postman, verifying system integrity after the development updates

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*Associate Software Engineer*                                                                    April 2022 - June 2023

- Implemented several Minor and Major enhancements in existing application. Analyzing the client requirements, making necessary code changes and performing regression testing to ensure the the seamless integration of new code with existing code.

- Implemented a batch job which automated daily support task by 50% every day.

- Monitored real-time production logs and performed an analysis that support 3 Legacy java web application built on java7 using Spring MVC

- Implemented SQL operations to detect and resolve user data inconsistencies, reducing application errors and improving data integrity.

- Integrated SQL checks into the backend using Java and Spring Boot to ensure only valid user data proceeds to business logic. Diagnosed and fixed issues by debugging the code on production Incident.

## TECHNICAL STACK

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|---|---|
| Languages: | Java, JavaScript, HTML, CSS, Python(basics) |
| Frameworks & Libraries: | SpringMVC, Spring Boot, React, Angular, JSP, Servlets |
| Tools: | Git, Maven, Postman, CI/CD, Docker, Kubernetes |
| Testing: | JUnit, Mockito, Test-Driven Development (TDD) |
| Data Base: | MySQL, SQL, MongoDB |

## CERTIFICATIONS

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|---|---|
| AWS Certified cloud practitioner -Amazon | June 2024 |
| ITL4 Foundation - Axelos | May 2025 |
| AI-900: Microsoft Azure AI Fundamentals | May 2025 |
| DXC Q3 champ award | December 2023 |
| DXC H1 Collaborators award | April 2024 |

**Internships**