

ARIVAZHAGAN S

Senior JAVA Product Developer | AI Systems Architect | MCP & Agentic AI Workflow Specialist | B. Tech IT

Mobile: +91-7010009295

LinkedIn: <https://www.linkedin.com/in/ariv98>

Email: arivazhaganazhagan98@gmail.com

Portfolio: <https://ariv98.github.io/ariv98>

Location: Chennai, Tamil Nadu, India

TECHNICAL SKILLS

- **AI:** Model Context Protocol (MCP), GitHub Copilot, Claude Code, Custom AI Agents, Agent Skills, Instructions, Hooks, Sessions, Contexts, Tokenization and Specks
- **Backend:** Core and Advanced JAVA (11+) with Spring Boot application, Microservices architecture, RESTful APIs, Maven, Junit and Groovy
- **Frontend:** Angular (v8), Bootstrap, HTML and CSS
- **Cloud:** AWS, PCF (Pivotal Cloud Foundry), Azure
- **Database:** MySQL, MS-SQL
- **Tools:** VS Code, IntelliJ Ultimate, Postman, MySQL workbench, DBeaver, MS SSMS, Git, GitHub desktop, JIRA, Confluence, Bitbucket

AGENTIC AI ENGINEERING, AUTOMATION CAPABILITIES & ACHIEVEMENTS

- Designed, built and hosted a large-scale **custom MCP server with 240+ tools and an AI Agent**, enabling AI-Agentic development workflows across databases, codebases, APIs, DevOps, monitoring systems, product knowledge bases
- Designed and built a **custom AI knowledge retrieval system** (multi-GB datasets, source codes) for high-accuracy domain-specific AI reasoning without relying on RAG
- Engineered a **fully automated Agentic AI**-driven automation system that performs end-to-end product validation, autonomously generates and executes test scenarios, and generates validation reports using **custom Agentic AI & Agent Skills**
- Designed and implemented **DataPrivacyShield**, a security middleware layer for the MCP platform that tokenizes and **masks PII data before it reaches LLMs**, enabling **secure AI-assisted workflows** without exposing sensitive customer information
- Architected **MCP server hosting and deployment** strategies on **Microsoft Azure**, including scalability, security, authentication, session management
- Advanced expertise in **GitHub Copilot LLM models, custom Agents, Speckit, MCP architecture, Knowledge extraction, search indexing and AI tool orchestration** for real-world enterprise products and use cases
- Advanced expertise in **Agentic AI concepts including Sub-agents, Skills, Instructions, Hooks, Sessions, Contexts, Tokenization and Specks**
- Extensive hands-on experience and advanced knowledge of **Prompt Engineering**
- Designed and developed a **custom IntelliJ IDEA Ultimate plugin**

PROJECTS and EXPERIENCE

1. WOLTERS KLUWER ELM Solutions | OCT 2022 – Present | Chennai, Tamil Nadu, India

- Full-time & Permanent employee (Direct payroll)
- **Designation** : Senior Product Software Engineer
- **Client** : CITI Bank, Zurich, UBS, Chubb
- **Domain** : Enterprise Legal Management & Regulatory and Finance
- **Role** : JAVA & Groovy Product developer

Responsibilities :

- **Backend:**
 - End-To-End design and implementation of product customization & configurations
 - Core product development using JAVA Spring Boot with microservice architecture
 - Product customization and configuration with Groovy & JavaScript
 - Product Integration with P2P systems using JAVA & Groovy
 - End-To-End functional and implementation testing of the product after code level changes and customizations
 - Developed Reserves and Settlements management system for CITI bank
- **Cloud & Deployment activities:**
 - Jenkins/Azure – Environments monitoring, health checks, configurations and log checks
- **Frontend:** Product customization & configuration with JavaScript, HTML & CSS
- **Database:**
 - Writing and developing SQL scripts from scratch
 - All Database and SQL related operations
- **Repository:** End-To-End workflow activity on Git, GitHub desktop, Bitbucket
- **Others:** Hands-on working experience with JIRA, Confluence
- **AI :** Built Custom AI Agents, MCP Servers, Agentic AIs, Workflow automations

2. CAPGEMINI Technology Services | OCT 2020 – OCT 2022 | Chennai, Tamil Nadu, India

- Full-time & Permanent employee (Direct payroll)
- Trained by Capgemini on Full Stack development in core and Advanced JAVA with Spring boot application and Angular
- **Designation** : Senior Analyst (Custom Software Developer)
- **Client** : PENSKE Connected Fleet Germany
- **Domain** : Customers, Units, Device Management & Location Services
- **Role** : JAVA Full Stack REST API Developer with Angular

Responsibilities :

- **Backend:**
 - Development of JAVA RESTful APIs using Spring boot application with micro-services architecture from scratch
 - JUnit development for spring boot projects up to 95% of code coverage from scratch using Junit 4, Mockito and Power Mockito
 - Swagger documentation for the whole APIs
- **Cloud & Deployment activities:**
 - Manual and Auto deployment to cloud (PCF) through CLI & Bamboo
 - PCF – Applications/Instances monitoring -> health checks, configurations and log monitoring
- **Frontend:** Angular development & bug-fixing, testing & deployment
- **Database:**
 - Writing and developing SQL scripts from scratch
 - All Database and SQL related operations
- **Repository:** End-To-End workflow activity on Git, GitHub desktop, Bitbucket
- **Others:** Hands-on working experience with JIRA, Confluence, Bamboo