

MANOHAR VALLABI

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SUMMARY

Dedicated Java Developer with 5 years of experience specializing in enterprise application development, microservices architecture, and full-stack development in the finance and retail sectors. Skilled at enhancing system efficiency, integrating AI capabilities into enterprise systems, and delivering secure, high-quality software using Java, Spring Boot, and AWS. Strong collaborator with a track record of leading projects to successful completion aligned with business goals.

SKILLS:

- **Certification:** AWS Certified Solution Architect – Associate, Oracle Certified Java Programmer
- **Languages:** Java (Java 8), Python, JavaScript (ES6+), C#, TypeScript, HTML/CSS, XML, SQL
- **Frameworks:** Spring Boot, Hibernate, Struts, Angular, React.js, Node.js, Express.js, Django, JSP, Apache Kafka
- **Tools & Technologies:** Kubernetes, Docker, Jenkins, AWS, Git/GitHub, Apache Spark, Copilot, Cursor
- **Web Services:** REST, SOAP, Microservices Architecture, API Design (REST/GraphQL)
- **Security:** JWT Authentication, OAuth2, SSL/TLS, HIPAA Compliance
- **Databases:** PostgreSQL, MySQL, MongoDB, SQL Server
- **Methodologies:** Agile/Scrum, TDD, CI/CD

EXPERIENCE:

Software Development Engineer – Mindtree, California

Oct 2023 - Current

- Designed and developed **cloud-native microservices** using **Java**, **Spring Boot**, **GitHub Copilot** and **Cursor** for retail and logistics clients, enabling **real-time dynamic pricing models** and **inventory updates**, resulting in a **15%** improvement in sales efficiency and a **10%** reduction in operational costs.
- Engineered real-time data pipelines with **Apache Kafka** and **Hadoop**, enabling enhanced data analytics and decision-making for global retail clients, improving inventory forecasting accuracy by **17%** and **integrated OpenAI APIs** for intelligent data enrichment and automated insights generation.
- Led the integration of enterprise application, automating workflows across **CRM** and **ERP** systems using **RESTful APIs**, reducing manual operations by **12%**.
- Developed interactive front-end dashboards using **React.js** and **Redux**, integrating real-time portfolio and transaction data via **REST APIs**.
- Developed and integrated **OAuth2** and **JWT** Authentication protocols for an enterprise IoT platform, enhancing secure device communication and reducing unauthorized access incidents by **10%**.
- Executed **CI/CD pipelines** using **Jenkins** and **Docker**, facilitating automated testing, bug fixes, and seamless deployments across development, testing, and production environments.

Java Developer – Accenture, India

Oct 2021 - Nov 2022

- Developed and deployed workflow automation systems using **Java Spring Boot** and **Hibernate**, automating document processing and customer onboarding for financial institutions, reducing process time by **22%**.
- Integrated **AI-based optical character recognition (OCR)** with NewgenONE's platform to automate document processing for government clients, improving the accuracy of data extraction by **20%**.
- Developed **microservices**-based application to support omnichannel customer engagement for public service agencies, improving citizen service delivery by **15%**.
- Optimized complex **SQL queries** to enhance database performance for financial and government clients, reducing query execution times by **15%** and improving the efficiency of data retrieval in large-scale automation systems.

Junior Java Developer – Cognizant Technology Solutions, India

Dec 2019 - Oct 2021

- Migrated legacy systems to a **modern microservices architecture**, improving scalability and performance for enterprise-level clients in the finance and utilities sectors.
- Developed **Java-based backend systems** using **Spring MVC** and **JSP**, improving fiscal subsidy processing efficiency for over **100** major clients, including **CIPLA** and other multinational corporations.
- Collaborated with cross-functional teams to design document management solutions for fiscal subsidy applications using **AWS S3** for secure storage, enhancing accessibility and security for financial data across multiple industry sectors.

EDUCATION:

California State University, Long Beach, CA

Jan 2023 - Dec 2024

Master of Science in Software Engineering

GPA - 3.80

KL University, India

Aug 2016 - May 2020

Bachelor of Technology in Computer Science and Engineering

GPA - 3.45

PROJECT:

Chat with PDF AI | [GitHub](#) | [Live Link](#)

- Built a Python-based AI chat application integrating **LangChain**, **RAG** and **OpenAI APIs** to enable interactive querying of PDF documents, supporting natural language understanding and context-based answers and deployed with Streamlit frontend and **vector database** integration for scalable, real-time responses.