

# MADHAV LAKKAPRAGADA

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## PROFESSIONAL BACKGROUND

Mr. Lakkapragada has over 25 years of experience with analysis, solutioning, delivery of customer-facing software products, and data engineering solutions. He excels in a broad range of skills driving delivery of cutting-edge technical solutions.

Mr. Lakkapragada possesses excellent organizational and communication skills and brings a good mix of multi-tasking skills. He is effective at interfacing with end users in identifying requirements, provide objective questions to further the discussions, and adhere to the scope and specifications on delivery. He adapts quickly to new tools and workplaces, with a long track record of technical leadership, working flexibly with various stakeholders.

## SELECTION OF RELEVANT EXPERIENCE

### • Architect and Lead Developer for Customer Loyalty at Fortune 20 Grocer

In his current assignment, Mr. Lakkapragada designs and implements a platform for customer loyalty including components to look up customer membership, associated purchases, rewards, savings, messages, and a real time promotion processing engine to deliver applicable rewards to an interactive point of sale. This new platform utilizes MQTT and other Internet of Things (IoT) technologies to live stream events and cashier actions from the store. His work includes defining the architecture to support new enhancements, gathering requirements, and assisting in user story definition.

### • Technical Product Manager for Consumer FinTech Company

Mr. Lakkapragada managed Enterprise Product Integrations to the OKTA (IAM) platform, working closely with Product Managers. These integrations provided Authentication and Authorization services to customers of these products. Tasks included evaluating the Product requirements and providing accurate technical guidance for the Authorization flow and the end user experience for these workflows. The technical design also involved evaluating Role Based access (RBAC) and providing guidance on scopes/claims and API access control.

### Industry Experience

- Retail
- Healthcare
- Insurance
- FinTech
- Manufacturing -PDM
- Non-profits

### Functional Experience

- Solutions Architecture
- Technical Lead
- Scrum Master
- Business Requirements Definition
- Data Modeling (RDBMS and NoSQL)
- Web Applications
- Data Science tools
- Agile Transformation



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## SELECTION OF RELEVANT EXPERIENCE

### Lead / Scrum Master for Health Care Diagnostics/EHR Software Company

Mr. Lakkapragada has served in critical roles as a Scrum Master, leading a team of eight, in delivering functional enhancements and provided technical leadership in designing solutions to support an Electronic Healthcare Records (EHR) product. Mr. Lakkapragada also worked closely with cross-functional teams, Product Owners and Stakeholders on various third-party product integrations.

Mr. Lakkapragada created detailed design documents for implementation. Mr. Lakkapragada also actively participated in building offshore teams, onboarding, and training new resources, regularly working with key stakeholders in managing project risk, identifying gaps early, decomposing business needs into technical deliverables and creating value to customers..

### Retail Consultant, Major Eye care Company, Mason, OH

Mr. Lakkapragada led multiple projects at this Retail client with teams ranging from 3 to 20 members on various projects. Adapting to varying project needs is one of Mr. Lakkapragadas' strengths. These projects supported integrations to a Point-of-Sale system.

- Designing a Retail Branding data management system. With multiple brands and business units (BU), each BU had custom key performance metrics (KPI). Working with the Product Owner, Mr. Lakkapragada designed and delivered a system to facilitate cross-brand data management with a unified user interface. Mr. Lakkapragada's responsibilities included technical architecture, development, change management, end user documentation and training and business hand-off documents.
- Lead, POS Transaction management system. Mr. Lakkapragada played a technical lead role enhancing the POS system to multiple business units and integrating the store transaction data. Managing a team of 12, developers and QA analysts, this system supported about 4000 retail stores and handled thousands of transactions a day. Working with Brand Managers, Mr. Lakkapragada designed and delivered custom reports on daily business activity and performance analytics.
- Lead, Financial settlements integration. In this project, Mr. Lakkapragada worked with the Financial Analysts in creating daily store settlement summaries and designing REST endpoints integrating with SAP Financial systems.
- Lead, SAP Supply chain integration. This was an extensive project with multiple workstreams to integrate the inventory and pricing data feeds from SAP. Mr. Lakkapragada responsibilities included, leading daily scrum meetings with the scrum teams, creating project status reports and attending the weekly scrum-of-scrum meetings to represent the POS work stream. Mr. Lakkapragada also coordinated with the leads on the Finance, Inventory and Pricing teams for technical decisions.
- Lead, Manufacturing Lab Integration. This project was to create a transmission feed to a centralized manufacturing facility. Mr. Lakkapragada designed several Webservices to transmit the optical data for manufacturing of eyeglasses. Designing and integrating with manufacturing systems and handling transmission bottlenecks was a great problem to solve.

### Consultant, Major Medical Devices Company, Blue Ash, OH

As a Scrum Master / Technical lead Mr. Lakkapragada designed and developed a Contract pricing management system for a medical devices company. Mr. Lakkapragada played the technical lead role working with the Project Sponsors in defining and solutioning the contract management system supporting products from two business units. Mr. Lakkapragada was responsible for the product architecture and implementation the project plan with incremental milestones (small wins) following an agile-like methodology. Mr. Lakkapragadas' responsibilities included training and educating the users to replace a legacy system that was in place for over a decade.

### Technology Experience

**Languages:** Java, Python, Angular, PHP, C++, Perl, Bash, HTML/CSS, PL/SQL, CQL, Javascript, jQuery, XML

**Technologies:** Spring Boot, Kubernetes, MQTT, REST, MySQL, Oracle, Cassandra, Apache, Tomcat, Maven, Gradle, Git, Unix/Linux, Windows

### Certifications

- Java, Web Developer
- XML

### Education

- M.B.A – Wright State University / Copenhagen Business School
- M.S. –University of Cincinnati

