



Kiran KJ

Senior Fullstack Engineer

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SUMMARY

Senior Software Engineer with 14+ years of experience designing and delivering scalable web, mobile, and cloud-based applications across e-commerce, industrial automation, and enterprise domains.

Strong full-stack background with hands-on expertise in Angular, Android (Kotlin/Java), Node.js, and Java Spring Boot, combined with deep experience in AWS services such as Lambda, S3, RDS, Cognito, and cloud-native architectures.

Currently working as a senior individual contributor while also supporting Agile delivery as an acting Scrum Master, facilitating sprint planning, reviews, and cross-team collaboration without compromising technical ownership.

Actively integrating AI-assisted development and retrieval-based architectures (LangChain, LLM APIs, RAG) into modern applications to improve developer productivity and enable intelligent, business-driven features.

IBM AI Certified and Professional Scrum Master, with a strong focus on clean architecture, maintainability, and pragmatic engineering solutions.

For a complete list of projects, visit my portfolio at kirankjolly.github.io.

EXPERIENCE

Senior Software Engineer (IC Lead) | Acting Scrum Master Heidelsoft Technologies

06/2019 - Present

- Acting Scrum Master for multiple teams, facilitating sprint planning, daily stand-ups, reviews, and retrospectives while remaining a hands-on senior individual contributor.
- Designed, developed, and deployed scalable web and mobile applications using Angular, Android (Kotlin), Java Spring Boot, Node.js, and AWS services for enterprise and client-facing systems.
- Led technical ownership across projects, ensuring clean architecture, code quality, performance optimization, and maintainability.
- Introduced reusable component libraries and workflow optimizations, reducing development effort by ~20% and improving application performance and consistency.
- Implemented CI/CD pipelines using Bitbucket Pipelines, enabling faster release cycles, automated testing, and reduced deployment risks.
- Integrated cloud services and third-party systems including payment gateways and AWS-managed services, improving system reliability and client satisfaction.

Senior Software Engineer Cabot Technology Solutions

09/2016 - 06/2019

- Led development of Android, React Native, and React applications, delivering scalable and user-friendly solutions.
- Mentored junior engineers, conducted code reviews, and established best practices for cross-platform development.

Programmer Analyst

Cognizant Technology Solutions

• Developed and led Android applications for enterprise clients including insurance and industrial platforms, improving usability and feature richness.

02/2014 - 08/2016

Software Engineer

Art Technology Solutions

• Developed Custom Software Solutions for Clients:

Designed and built bespoke software applications using C and the Gtk+ toolkit for Linux platforms, including the LPackage program for creating independent software packages.

• Streamlined Development and Deployment Processes:

Led the development of a package installer and maker that allowed users to install software offline without dependencies, simplifying the installation process for Linux users.

• Developed Robust CMS and E-commerce Platforms:

Built and maintained multiple ASP.NET-based CMS and e-commerce websites utilizing DotNetNuke for seamless content management, payment gateway integration, and user management.

• Optimized Backend Systems and Database Integration:

Designed and implemented scalable backend solutions with ASP.NET and SQL Server, ensuring efficient data handling, optimized performance, and smooth user interactions for high-traffic websites.

10/2010 - 01/2014

EDUCATION

Electronics and Communication

Collage of Engineering Munnar (Cochin University) - Bachelor's degree

• Received positive feedback and recognition for my project and seminar presentation.

• Achieved first place in the High Jump event at the University athletic meet.

10/2006 - 04/2010

CERTIFICATES

IBM AI Developer [↗](#)

Scrum Alliance

• Generative AI fundamentals and applications

• Prompt engineering and LLM interaction

• Python for AI and data-driven development

• Building AI-powered applications with Flask and retrieval-based architectures

11/2025 - Present

Professional Scrum Master I [↗](#)

11/2023 - Present

SKILLS

Angular	Advanced	Node.JS	Advanced
Android Kotlin/Java	Expert	AWS(S3, RDS, Lambda, Cognito, Rekognition)	Advanced
ReactJS	Advanced	Java Spring Boot	Intermediate
Python	Intermediate	DotNetNuke	Advanced
LangChain (RAG, Vector databases, Tool Calling, Guardrails)	Intermediate	REST	Advanced

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React Native	Intermediate	Agile Development	Advanced
AngularJS	Basic	Tizen	Basic
jQuery	Advanced	PyCharm	Intermediate
ASP.NET	Advanced	Django	Basic
IOT	Basic	WSL	Basic
Android Studio	Expert	SQLite	Advanced
Eclipse	Advanced	MySQL	Intermediate
MQTT	Basic	Go	Basic
Shellscript	Basic	Genymotion	Advanced
GCC Gtk+	Advanced	IntelliJ IDEA	Expert
Crucible	Intermediate	Jira	Intermediate
Qt	Basic	Bitbucket	Advanced
Ubuntu	Intermediate	Kubernetes	Intermediate
SQL Server Management Studio	Intermediate	Docker	Intermediate
MSSQL	Advanced	Scrum	Advanced

LANGUAGES

Malayalam	Native	English	Fluent
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