



# Kiran KJ

## Senior Software Engineer

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## SUMMARY

Innovative Software Consultant and Certified Scrum Master with 14 years of experience delivering high-impact solutions across e-commerce, industrial automation, and mobile platforms. Specializing in full-stack development using modern frameworks such as Angular, React, and Node.js, along with extensive experience in cloud technologies including AWS Lambda, Cognito, S3, RDS, and related services.

Recently expanded into AI-driven application development, leveraging LangChain, LLM APIs, and retrieval-based architectures, and currently contributing to AI-related exploration and integration within ongoing projects.

Over the last few years, I have taken on a dual role as Senior Software Engineer and Scrum Master, leading development teams through Agile ceremonies, sprint planning, backlog grooming, and close collaboration with stakeholders to ensure timely and high-quality delivery.

I actively leverage AI-assisted code generation to accelerate development workflows, achieving up to 10× productivity gains while maintaining clean architecture, readability, and scalability. I am also IBM AI Certified (Coursera), with hands-on exposure to AI fundamentals, machine learning concepts, and practical AI integration, enabling me to incorporate intelligent features into modern applications where they add real business value.

Known for translating complex business requirements into efficient technical solutions, I am recognized for rapid problem-solving, system optimization, and consistently exceeding client expectations. Passionate about building solutions that enhance operational efficiency, I thrive in remote, cross-functional, and fast-paced environments, leveraging cutting-edge technologies to deliver measurable impact.

For a complete list of projects, visit my portfolio at [kirankjolly.github.io](https://kirankjolly.github.io).

## EXPERIENCE

### Senior Software Engineer & Scrum Master Heidelsoft Technologies

06/2019 - Present

- Scrum Master for the past few years, facilitating sprint planning, daily stand-ups, retrospectives, and sprint reviews.
- Leading developers across multiple web and mobile projects, ensuring timely delivery and technical quality.
- Delivered Scalable Web and Mobile Applications: Successfully developed and deployed complex solutions using Angular, Android and AWS services for diverse projects.
- Streamlined Development Processes: Implemented reusable components and optimized workflows, reducing development time by 20% and improving application performance across projects.
- Implemented CI/CD Pipelines: Automated build, test, and deployment workflows using Bitbucket Pipelines and CI/CD strategies, reducing deployment time and increasing release efficiency.
- Enhanced Business Outcomes through Technical Expertise: Played a pivotal role in integrating advanced features such as payment gateways, and cloud-based services, boosting client satisfaction and operational efficiency.

### Senior Software Engineer Cabot Technology Solutions

09/2016 - 06/2019

- Led Mobile and Web Development Projects: Spearheaded the development of Android, React Native and React applications delivering user-friendly and scalable solutions.
- Mentored junior developers, led code reviews, and supported cross-platform mobile development using React Native and Android.

Programmer Analyst

Cognizant Technology Solutions

- Developed Feature-Rich Mobile Applications: Led the development of Android-based applications, including 3M Industrial GO and Farmers Insurance App, enhancing functionality for leading clients.

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

Professional Scrum Master I

- Generative AI: Introduction and Applications
- Generative AI: Prompt Engineering Basics
- Python for Data Science, AI & Development
- Introduction to Artificial Intelligence (AI)
- Generative AI: Elevate your Software Development Career
- Developing AI Applications with Python and Flask
- Building Generative AI-Powered Applications with Python

11/2025 - Present

11/2023 - Present

SKILLS

Angular	Advanced	LangChain (Agents, RAG, Memory, Tool Calling)	Intermediate
Android Kotlin/Java	Expert	Node.JS	Advanced
ReactJS	Advanced		
Python	Intermediate		

AWS(S3, RDS, Lambda, Cognito, Rekognition)	Advanced	SQL Server Management Studio	Intermediate
Java Spring Boot	Intermediate	MSSQL	Advanced
DotNetNuke	Advanced	Agile Development	Advanced
REST	Advanced	Tizen	Basic
React Native	Intermediate	PyCharm	Intermediate
AngularJS	Basic	Django	Basic
jQuery	Advanced	WSL	Basic
ASP.NET	Advanced	SQLite	Advanced
IOT	Basic	MySQL	Intermediate
Android Studio	Expert	Go	Basic
Eclipse	Advanced	Genymotion	Advanced
MQTT	Basic	IntelliJ IDEA	Expert
Shellscript	Basic	Jira	Intermediate
GCC Gtk+	Advanced	Bitbucket	Advanced
Crucible	Intermediate	Kubernetes	Intermediate
Qt	Basic	Docker	Intermediate
Ubuntu	Intermediate	Scrum	Advanced

LANGUAGES

Malayalam	Native	English	Fluent
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