

Dilip Kumar S

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Full Stack Developer | Java, Spring Boot, Node.js, Flutter, Angular | AWS & GCP | Web & Mobile Application Development

PROFILE

Technically sound IT Professional offering **4.6+ years** of experience in **designing, developing, deploying, and maintaining scalable web and mobile applications** across **multiple domains**. Strong background in **Java, Spring, Node.js, Flutter, Angular, and cloud technologies including AWS & GCP**.

Possesses **hands-on** expertise in **REST API development, front-end & mobile UI development, database design, cloud deployment, and production support**. Adept at requirement **analysis, implementation, debugging, and optimizing performance** for high-availability applications.

Works effectively within **Agile teams**, collaborates with cross-functional groups, and delivers **high-quality, secure, and maintainable** solutions.

AREAS OF EXPERTISE

♦ Full Stack Development ♦ REST API Development ♦ Cloud Deployment (AWS & GCP) ♦ Web Application Development ♦ Mobile App Development ♦ Requirement Gathering & Analysis ♦ Production Support ♦ Performance Optimization ♦ Database Development ♦ Troubleshooting ♦ Agile/Scrum ♦ Code Review ♦ UI/UX Integration ♦ Bug Fixing ♦ Team Management

TECHNICAL SKILLS

Language:	Java, Spring, Spring Boot, JSP, Node.js, Angular, Flutter, Dart, TypeScript, JavaScript, HTML, CSS
Testing Tools	JUnit, Mockito, Power Mockito, Selenium
Web Development	HTML, JavaScript, CSS, Ajax, jQuery, HTML5, Bootstrap
Databases	MySQL, Azure MySQL, Firebase, MongoDB
Frameworks	Spring, Spring Security, Spring Boot, Hibernate, Log4J, Microservices Architecture
IDE/Tools	IntelliJ, VS code, Eclipse, Webflow.
Scrum Tools	JIRA, Confluence
CI/CD&Deployment	CI/CD pipelines, GitHub
Cloud Technologies	AWS, GCP Cloud

PROJECTS HANDLED

#1 Title: EA TPS | Role: Backend Developer | Environment: Java Spring Boot, MySQL, CI/CD Pipelines, Git, Angular | Tenure: Nov 2025 – Till Date

EA TPS is an Employee Assistance platform for providers, enabling appointment management, case creation, provider management, recruitments, and claim processing. The system uses an Angular frontend integrated with a Java Spring Boot backend to support healthcare operational workflows.

Roles & Responsibilities:

- Developed backend modules using Java Spring Boot for appointments, case creation, provider management, recruitments, and claim workflows.
- Designed and optimized MySQL schemas and implemented secure REST APIs for Angular frontend integration.
- Built backend logic for claim submission, provider operations, and recruitment workflows.
- Managed CI/CD pipelines and used Git for version control and code reviews.
- Performed backend testing using Junit and Mockito

#2 Title: SBC Pulse Program | Role: Full Stack Developer | Environment: Java, Spring, JSP, Azure MySQL, AWS | Tenure: Jan 2024 – Oct 2025

SBC Pulse is an enterprise platform used by the client to manage internal operations and business workflows. The project involved modernizing existing MBC applications for SBC compatibility and adding new functional enhancements.

Roles & Responsibilities:

- Designed and developed backend modules using Java, Spring, and JSP.
- Optimized SQL queries and improved data handling performance using Azure MySQL.
- Integrated AWS services to ensure scalability and secure application operation.
- **Conducted unit testing, debugging, and production deployment support using Java, Spring, JSP, Azure MySQL, AWS, along with JUnit, Mockito, and Selenium.**
- Collaborated with cross-functional teams to clarify requirements and deliver enhancements on schedule.

#3 Title: MBC Applications Support | Role: Full Stack Developer | Environment: Java, Spring, JSP, Azure MySQL, AWS | Tenure: Mar 2023 – Dec 2023

The client relies on the MBC applications for core business operations and reporting. The support project ensures application stability, performance, and continuous enhancement to meet evolving business needs.

Roles & Responsibilities:

- Provided end-to-end production support for MBC applications ensuring high uptime and stability.
- Identified, analyzed, and resolved critical issues in backend modules and SQL operations.
- Implemented fixes, minor enhancements, and performance improvements.
- Coordinated with QA and deployment teams for release management.
- Ensured adherence to coding standards and documentation practices.

#4 Title: MSE | Role: Developer | Environment: Webflow, Node.js, TypeScript, JavaScript | Tenure: Oct 2022 – Feb 2023

MSE is a user onboarding platform developed for the client to streamline registration and profile creation. The project focuses on building responsive UI pages with Webflow and Node.js, integrated with Java Spring as the backend service.

Roles & Responsibilities:

- Designed and developed user registration UI pages using Webflow.
- Consumed REST APIs and form-handling logic using Node.js and TypeScript.
- Integrated frontend views with backend endpoints for seamless user flow.
- Improved UI responsiveness and ensured cross-browser compatibility.
- Participated in requirement discussions and sprint planning.

#5 Title: BlueSync | Role: Developer | Environment: Webflow, Node.js, TypeScript | Tenure: May 2022 – Oct 2022

BlueSync is an internal application used by the client to manage and synchronize client and employee data across systems. The project involved building intuitive UI modules integrated with backend synchronization services.

Roles & Responsibilities:

- Developed data synchronization UI components using Webflow.
- Integrated UI with Node.js services to enable real-time data interactions.
- Implemented validations, UI logic, and user-friendly workflows.
- Collaborated with backend teams for API enhancements and integration.
- Performed testing, debugging, and deployment support.

#6 Title: MDMOS | Role: Angular Developer | Environment: Angular | Tenure: Mar 2022 – May 2022

MDMOS is a secure, enterprise-grade medical e-billing platform used by physicians to manage electronic claims, billing workflows, patient scheduling, and reconciliation reporting. The project involved enhancing the UI in Angular and integrating with a Java Spring Boot backend to support claim submissions, tracking, and healthcare insurer billing.

Roles & Responsibilities:

- Developed reusable Angular components and screens for frontend modules.
- Integrated Angular UI with backend REST APIs.
- Improved UI performance and optimized component load times.
- Ensured modular, maintainable, and scalable front-end code.
- Supported bug fixing, UI enhancements, and production issue resolution.

#7 Title: AstraOne | Role: Software Developer | Environment: Flutter, Node.js, MySQL | Tenure: May 2021 – Feb 2022

AstraOne is a mobile learning platform developed for an schools to deliver digital notes and study material to students. The project involved building mobile UI screens and backend services.

Roles & Responsibilities:

- Built mobile app screens for student learning modules using Flutter.
- Developed backend services in Node.js for content delivery.
- Implemented MySQL queries and optimized data retrieval operations.
- Ensured smooth UI navigation and offline data access capabilities.
- Worked closely with the academic content team to map business needs into technical features.

#8 Title: AstraPlus | Role: Software Developer | Environment: Flutter, Node.js, MySQL | Tenure: May 2021 – Feb 2022

AstraPlus is an exam platform designed for the schools to conduct online tests with secure evaluation workflows. The project included UI development, backend integration, and exam workflow optimization.

Roles & Responsibilities:

- Designed and developed interactive exam interfaces in Flutter.
- Integrated backend evaluation logic and user tracking features.
- Ensured app performance, stability, and error-free exam flows.
- Performed debugging, enhancements, and release support.

#9 Title: SkillAstra | Role: Web Developer | Environment: HTML, CSS, Node.js, MySQL | Tenure: May 2021 – Feb 2022

SkillAstra is a subscription-based learning portal built for the students to allow parents to purchase learning plans. The project focused on UI development, payment workflows, and user management.

Roles & Responsibilities:

- Created subscription and plan-selection web pages for parents and students.
- Implemented backend logic for user enrollment and payments.
- Managed MySQL database operations for user and course records.
- Ensured responsive UI and smooth user experience.

#10 Title: Astragen In-House | Role: Developer | Environment: Flutter, Node.js | Tenure: May 2021 – Feb 2022

Astragen In-House is an internal portal used by the company to manage students, classes, and exam workflows. The project involved creating Flutter modules and backend integrations.

Roles & Responsibilities:

- Developed internal portal modules for managing students, classes, and exams.
- Created Flutter UI components and integrated them with backend services.
- Implemented authentication, data validation, and workflow automation.
- Provided ongoing maintenance, fixes, and feature updates.