

# SAHANA G P

## Java Application Developer | Full Stack Engineer

Bangalore, India (Open to Relocate)

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LinkedIn: [linkedin.com/in/sahanagp](https://www.linkedin.com/in/sahanagp) | GitHub: [github.com/SahanaGPDev](https://github.com/SahanaGPDev)

Portfolio: [sahanagpdev.github.io/sahanagpdeveloper](https://sahanagpdev.github.io/sahanagpdeveloper)

## PROFESSIONAL SUMMARY

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Results-oriented Java Application Developer and 2025 Graduate with a robust foundation in Enterprise Application Development. Expert in architecting scalable backend solutions using Java 17, Spring Boot 3.2, and Hibernate ORM, complemented by responsive frontend expertise in React.js. Proficient in the full SDLC, from database design using MySQL to containerized deployment via Docker. Passionate about leveraging Microservices architecture and DevOps best practices to drive digital transformation and solve complex business problems.

## TECHNICAL SKILLS

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- Languages: Java (Core, Advanced, Java 8/11/17), Python, SQL, JavaScript (ES6+), HTML5, CSS3.
- Frameworks & Libraries: Spring Boot 3.2, Spring MVC, Spring Data JPA, Hibernate ORM, React.js, Servlet/JSP.
- Backend & APIs: RESTful Web Services, Microservices Architecture, API Development, Postman, JSON.
- Database & Storage: MySQL, PostgreSQL, Transaction Management, Connection Pooling.
- DevOps & Tools: Docker, Git, GitHub, Maven, Linux (Shell Scripting), JUnit (Unit Testing), Eclipse/IntelliJ.
- Core Concepts: OOP, Dependency Injection (DI), Inversion of Control (IoC), Multithreading, DSA, Agile/Scrum.

## PROJECT EXPERIENCE

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### DevTrack - Developer Productivity Dashboard | Java 17, Spring Boot, Hibernate, React, Docker

Live: [devtrack-3l6v.onrender.com](https://devtrack-3l6v.onrender.com)

- Architected a full-stack developer productivity platform to track coding metrics, DSA progress, and skill acquisition.
- Engineered a robust backend using Spring Boot 3.2 and Dependency Injection, reducing boilerplate code and enhancing maintainability.
- Developed secure RESTful APIs to manage user logs and goals, ensuring seamless data exchange between the React frontend and MySQL database.
- Implemented Hibernate ORM for efficient database mapping and transaction management, ensuring data integrity.
- Containerized the application using Docker and orchestrated cloud deployment, demonstrating end-to-end ownership of the CI/CD pipeline.

### The Iron Lady Lead Engine - AI Business Solution | Python, Streamlit, SQL, Data Analytics

Live: [Asha AI](#) | [Project Ironclad](#)

- Developed 'Asha AI,' an intelligent lead generation engine that automates prospect identification, significantly reducing manual qualification time.
- Built 'Ironclad CRM,' a centralized system for enterprise data management, enabling efficient tracking of client interactions and lead status.
- Integrated interactive data analytics dashboards using Streamlit, providing real-time actionable business insights for stakeholders.
- Optimized database queries to handle large datasets, ensuring low-latency performance during data retrieval.

## Digital Buddy - Intelligent AI Companion | Python, REST APIs, JSON

*GitHub:* [github.com/SahanaGPDEV/digital-buddy](https://github.com/SahanaGPDEV/digital-buddy)

- Designed a conversational AI assistant capable of providing productivity support and intelligent query resolution.
- Integrated external REST APIs to fetch real-time data, enhancing the accuracy and relevance of user responses.
- Refined response generation logic using Python, improving user engagement and interaction fluidity.

## TaskFlow - Productivity Application | JavaScript, HTML5, CSS3

*Live:* [SahanaGPDEV.github.io/taskflow](https://SahanaGPDEV.github.io/taskflow)

- Built a responsive task management web application focusing on cross-device compatibility and user experience (UX).
- Implemented modern DOM manipulation techniques to create dynamic workflows for organizing tasks and improving efficiency.

## INTERNSHIP EXPERIENCE

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### Full Stack Web Development Intern | TAP Academy

2025

- Developed enterprise-grade web applications using the Java/JEE stack (Core Java, JDBC, Servlets, Spring Boot).
- Collaborated in an Agile environment to build scalable solutions, participating in code reviews and daily stand-ups.
- Implemented complex business logic using Java 8 Stream API and Lambda Expressions for optimized data processing.
- Mastered ORM concepts by integrating Hibernate for database connectivity, replacing legacy JDBC boilerplates.
- Utilized Git for version control, managing branches and merge requests within a collaborative team workflow.

## EDUCATION

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### Bachelor of Computer Applications (BCA)

PES Institute of Advanced Management Studies (Kuvempu University), Karnataka

2022 - 2025 | Notable Coursework: Data Structures, DBMS, Software Engineering, OS

## ADDITIONAL INFORMATION

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- Certifications: Java Full Stack Development, Data Structures & Algorithms.
- Soft Skills: Analytical Problem Solving, Agile Collaboration, Technical Documentation.
- Availability: Immediate Joiner | Open to Relocation across India.