

# P GNANA SEKHAR

## Software Development Engineer

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### Profile Summary

Passionate software engineer with over 2.6 years of Java development experience, specializing in Spring Boot, Microservices, and SQL databases. Proven in orchestrating high-performance solutions and driving software excellence, with a background in **fintech** and a **product-based** company. Eager to contribute expertise to a challenging Java development role, showcasing achievements in delivering scalable solutions and collaborating with cross-functional teams.

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### Employment History

#### Software Development Engineer - II

**Olive Crypto Systems Pvt. Ltd**, Hyderabad

01/2023 - Present

- Leveraged advanced object-oriented programming skills, employing Java 8, Spring Boot, Microservices, and SQL databases to engineer high-performance solutions
- Analyzed and translated complex functional requirements into actionable project components, demonstrating expertise in understanding and developing project needs
- Pioneered hashmap implementation, optimizing memory usage over databases, yielding a significant **10%** boost in product performance
- Optimized the continuous deployment pipeline by integrating pull requests and instituting rigorous code reviews, ensuring a streamlined and seamless development process

#### Software Development Engineer - I

**Olive Crypto Systems Pvt. Ltd**, Hyderabad

08/2021 - 12/2022

- Elevated code performance through meticulous bug fixes, showcasing a dedication to code quality
  - Efficiently managed and optimized REST APIs, enforcing comprehensive unit and integration testing protocols for performance enhancement
  - Exhibited proficiency in debugging and comprehending project workflows, making a substantial contribution to the project's success
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### Projects

- IPN (Instant Payment Network)
- CBDC (Central Bank Digital Currency)
- NETC FASTag (National Electronic Toll Collection)
- CMS(Card Management System)

**Role:** Software developer

**Technologies and Tools:** Java 8, Spring Boot, Microservices, PostgreSQL, MySQL, Restful Web Services, XML, JSON, Gradle, Git, JUnit, Debugging

#### Responsibilities:

- Designed and implemented the bill payment module entirely from **scratch to completion** for IPN, resulting in a **12% increase** in customer engagement
  - Conceived, designed, and launched a project in CMS from scratch, efficiently managing a sizable user base, which has achieved seamless user experience through scalable architecture and ongoing optimization
  - Directed the optimization of REST APIs, enforcing stringent unit and integration testing protocols, resulting in a commendable **10% enhancement** in overall system performance
  - Established regular client communication, promptly addressing inquiries and efficiently resolving issues to ensure optimal customer satisfaction
  - Led comprehensive code reviews, adeptly debugging errors to elevate the overall project performance
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### Skills

- Java 8 | Spring Boot | Microservices | SQL | Spring | Git
  - Postman | PostgreSQL | Oracle | MySQL | Gradle | JUnit | Jenkins | Jira | Bitbucket | Tomcat | Linux
  - Unit Testing | Debugging | OOP
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### Education

**JNTUA College of Engineering, Kalikiri**, Chittoor

• Bachelor of Technology, Computer Science and Engineering - **First Class**

07/2017-07/2021