

VISWANADH BABUNURU

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Career Objective :

✓ **Software Engineer** with 2+ years of experience in **Java, Spring Boot, Micro-services** and **RESTful APIs**. Skilled in **scalable application development, API optimization**. Passionate about **problem-solving and delivering high-performance applications**. Seeking an opportunity to contribute to **back-end and full-stack development** while enhancing technical expertise.

Professional Summary :

Software Engineer – HCLTech

Sep 2022-Present

+ Key Responsibilities:

- Developed and maintained **Java-based microservices** using **Spring Boot**, improving system scalability and modularity.
- Designed and implemented **RESTful APIs**, reducing API response time by 25% through optimized **SQL queries** and efficient data retrieval.
- Built **authentication and authorization mechanisms** with **Spring Security** and **JWT** to ensure secure user access.
- Integrated **MySQL** database with **Hibernate/JPA**, optimizing queries and improving data retrieval performance.
- Deployed microservices on **AWS** (EC2, RDS, S3), automating deployments with **Jenkins** and **Docker** for streamlined CI/CD.
- Conducted **unit and integration testing** with **JUnit** and **Mockito**, ensuring 95% code coverage.
- Applied **caching strategies** to improve application performance and reduce database load.
- Collaborated in **Agile sprints** with cross-functional teams to ensure timely delivery of features.

+ Key Achievements:

- Reduced **API response time by 25%** through query optimization and caching strategies.
 - Led migration from **monolithic architecture** to **microservices**, enhancing system scalability and fault tolerance.
 - Implemented **multi-threading techniques**, reducing processing time for high-volume transactions by 40%.
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Technical Skills :

- **Programming Languages:** Java, HTML, CSS, JavaScript
 - **Frameworks & Technologies:** Spring Boot, Hibernate, JPA, Spring MVC, REST APIs, Microservices
 - **Database Management:** MySQL, MongoDB, JDBC
 - **Version Control & Tools:** Git, GitHub, Eclipse
 - **Other Skills:** CI/CD pipelines, Linux, Agile (Scrum), AWS Cloud (basic), Postman
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Academic Qualification :

- Bachelor's Degree in **ECE** from **RGUKT(AP IIIT)** RKValley, Andhra Pradesh in 2022 with **7.74** CGPA.
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PROJECT :

- **Banking Domain | Client: Commonwealth Bank of Australia (CBA)**
- **Technologies :** Java, Spring Boot, Hibernate, MySQL, RESTful APIs, Microservices

Responsibilities:

- Developed and optimized critical components for banking applications, enhancing performance by 25%.
 - Developed **Java-based backend services** using **Spring Boot** and **RESTful APIs** for smooth data exchange.
 - Optimized **SQL queries** and implemented database indexing, reducing query execution time by 30%.
 - Managed production support, proactively resolving live issues and collaborating with software and infrastructure teams.
 - Built a **transaction processing module** supporting high concurrency with **multi-threading**.
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PERSONAL PROFILE

- **Father's Name:** Prakash Babu
- **Date of Birth:** February 3, 2001
- **Address:** 6/3/205, Jeenigala Street, Stonehousepet, Nellore-2, Andhra Pradesh, 524002