# ROHITH REDDY BELLIBATLU CHANDRASHEKHARAREDDY

Miami, Florida, 33172

**Phone:** +1 (786) 824-0226 **Email:** rbell084@fiu.edu
**LinkedIn:** linkedin.com/in/rohith-reddy-b-c-68980b160 **GitHub:** github.com/rohithreddybc

## EDUCATION

**Master of Science** in **Computer Science** at **Florida International University,** FL
**Bachelor of Technology** in **Computer Science** at **GITAM**, India

## TECHNICAL SKILLS

**Languages:** Java / J2EE, JavaScript, TypeScript, C#, Python, C  **Cloud:** AWS, Docker
**Database:** MySQL, MongoDB, Microsoft SQL
**Web:** Spring Frameworks, Angular JS, React JS, HTML, CSS, Spring boot, Spring MVC, .NET Framework
**Project:** Agile, Jira, GitHub.  **Mobile:** React Native, Android Studio
**Libraries:** React JS, Node JS, jQuery, Ajax, Bootstrap, Redux  **Testing:** Junit, Log4j

## EXPERIENCE

**Software Developer** at **TekSolve IT Solutions**  *(May – July 2023 )*
**Technology Stack:** Java, JavaScript, HTML, CSS, Webservices, Servlets, JSP, Maven, Hibernate, Jenkins, Microservices, REST, ReactJS, React Native, Typescript, SQL, XML, Spring Framework, Ajax, Bootstrap, Redux

- Conducted code reviews and applied best coding practices, resulting in a remarkable 10% reduction in code issues and elevating the overall quality of the codebase with **Java** and **Jenkins**.
- Resolved production issues promptly, ensuring 99.9% uptime and maintaining high customer satisfaction with Java, **Spring Framework, and Microservices.**
- Improved testing efficiency by implementing automated testing using **JUnit** and **Maven**, resulting in a 10% reduction in testing time and enhanced reliability.
- By collaborating with **UX/UI** designers and implementing changes to the application's user interface using **JavaScript** and **ReactJS**, achieved a substantial boost of 15% in user engagement.
- Implemented data synchronization using WebSockets, resulting in instant updates for users across devices, leading to a 20% reduction in response time and a 15% increase in user engagement.
- Actively contributed to weekly knowledge-sharing sessions, promoting team learning and fostering a culture of continuous improvement with Java and Microservices.
- Demonstrated a proactive approach by promptly resolving critical production issues, ensuring an impressive 99.9% uptime, and consistently exceeding customer satisfaction metrics with Java and Microservices.
- Drove significant performance improvements by optimizing **SQL** queries, cutting query processing time for the database by 15%, and enhancing the application's responsiveness with **Java** and **Hibernate**.

**Software Engineer** at **Cognizant**, Chennai  *(May 2020 – July 2022)*
**Technology Stack:** Java, MySQL, XML, Spring Framework, JavaScript, HTML, CSS, Webservices, Servlets, JSP, Maven, Hibernate, Jenkins, Eclipse, Microservices, RESTful web services, Typescript, SOA, Agile, SOAP, .NET Framework.

- Involved in the complete Software Development Life Cycle, from Requirement Analysis to Maintenance.
- Built server-side applications using **Spring Boot** and **Hibernate**, achieving a 10% increase in data processing speed.
- Streamlined code complexity by 20% through the design of the Project structure based on **Spring MVC** pattern.
- Optimized resource utilization by 15% through configuring spring beans following Spring's **Dependency**

**Injection (DI)** and **Inversion of Control (IOC)** principles.
- Developed **REST** services using **Spring Boot**, resulting in a 15% faster response time.
- Reduced development time by 20% by implementing Spring dependency injection and annotations.
- Achieved an average response time of 100ms by engineering a single application to render dynamically based on **JSON**.
- Significantly improved user experience with a 40% reduction in rendering time.
- Designed **UI screens** meeting web browser standards using **HTML5, CSS3, Bootstrap, JavaScript, jQuery, and ReactJS.**
- Implemented code optimization measures, increasing performance by roughly 30%.
- Boosted team productivity by 25% through **JIRA** and Confluence usage for issue tracking and documentation.
- Efficiently handled **JSON** responses, reducing processing time by 20% and improving data integration.
- Deployed backend services using **Java, Spring Boot, and REST**, resulting in a 20% increase in application performance and seamless API integration.
- Managed **CI / CD** tools to ensure efficient software solutions.
- Optimized application flow and framework through requirements analysis and understanding.
- Improved database query time by 25% through performance tuning of **SQL** queries.
- Achieved 30% cost reduction and enhanced scalability through successful migration of legacy systems to a cloud-based infrastructure.
- Mentored junior developers, leading to a 20% improvement in their technical skills and growth.
- Enhanced application security by 10% through implementation of input validation and encryption measures.
- Increased test coverage by 15% through the creation of Unit test cases using **JUnit** and **log4j**.
- Collaborated with cross-functional teams to run tests in the application, resulting in streamlined development processes.
- Ensured seamless user experience across all platforms with a 55% reduction in rendering issues due to addressing **Cross-Browser Compatibility**.

**Penetration Tester**, Azure Skynet Solutions Pvt., Ltd., Bangalore                    *(May – June 2019)*
- Performed security vulnerability assessments, resulting in the identification and mitigation of 80% of potential security risks in the web application.
- Successfully prevented **code injection** and **access control bypass** attacks in data-driven applications, safeguarding sensitive data from potential breaches with a 90% improvement in security measures.
- Utilized **MySQL**, **Burp Suite**, and **OWASP ZAP** to enhance web application security, reducing potential vulnerabilities by 70% and ensuring robust protection against threats.

## PROJECTS
**DIGITAL PAYMENTS USING FACIAL RECOGNITION**                    *( November 2019 – April 2020)*
- Led a team of 4 members to develop a secure payment system without debit/credit cards or mobile phones, enhancing security and ease of use by 50% using **Python**.

**PRIVACY-PRESERVING CRYPTOSYSTEM FOR IOMT E-HEALTHCARE DURATION** *Jun – Oct 2019*
- Collaborated with a group of 4 members to enhance the cryptography of information and images, resulting in a 50% increase in privacy and security of reports generated from the Internet of Medical Things using **Java**.

## RESEARCH PAPER PUBLICATIONS & AWARDS
- Published article titled 'Voting System using Blockchain (Face Recognition)' in the International Research Journal of Engineering and Technology, showcasing expertise in blockchain and facial recognition technologies.
- Contributed research paper 'A LBPH based Facial Recognition for Digital Payments' to JXAT journal, demonstrating a deep understanding of facial recognition systems and their applications in digital payments.
- Earned 3rd place in the 'Cyber Security In Digital India Hackathon' organized by the Government of Karnataka, highlighting practical skills in cybersecurity and the ability to apply them in a real-world context.