

SHANMUKH GORLE

SOFTWARE DEVELOPER

FULL STACK | SOLUTIONS ARCHITECT | CLOUD | MOBILE APPLICATION

SUMMARY

Proficient JAVA developer with over 4+ years of experience creating web applications for businesses using advanced frameworks, design patterns, and web services. A year's experience performing the duties of a scrum master and leading a team of 2 developers. A key contributor to all phases of the software development lifecycle.

WORK HISTORY

August 2022 –
Present

North Carolina Research Center, Kannapolis, NC
Research Assistant / Java Application Developer

- Led the migration project, transitioning the application from Spring to Spring Boot, resulting in a 30% reduction in configuration effort and a 20% increase in developer productivity.
- Examined and notably reduced the search time of an application by over 15%, streamlining the process of uploading mass spectrometry for effective searching and comparison with an existing chemical compound database.

Tech: Spring Framework, Spring Boot, Java, Python Selenium, JSP, Spring MVC, MySQL.

November 2021 –
June 2022

Athenahealth, India

Software Development Engineer - 1

- Contributed to the development of a Healthcare Payment Application that facilitated payment processing between US hospitals and insurance companies, while maintaining over 90% code test coverage.
- Led a team of 2 junior developers, fostering a collaborative and high-performing environment through agile practices.
- Organized Scrum events including Daily Stand-ups, Sprint Planning, Sprint Reviews, and Sprint Retrospectives. Devised strategies that achieved a sprint success rate exceeding 95%.

Tech: Spring Boot, Angular 7, React, MySQL, Amazon AWS, Bitbucket, Perforce, Junit.

May 2019 –
November 2021

Cognizant, India

Programmer Analyst

- Developed an application for pilots to manage their flights and trips, consistently upholding a code test coverage exceeding 95%.
- Demonstrated expertise by crafting automation scripts using Terraform. Notably, over 90% of infrastructure creation was successfully automated, contributing to efficient and consistent processes.
- Actively participated in defect triage sessions, contributing to the efficient identification and prioritization of high-priority issues.
- Took the initiative to swiftly resolved critical defects, ensuring timely fixes.
- Efficiently addressed and resolved challenges in both development and production environments resulting in 5% downtime.

Tech: Angular 7, Spring Boot, Junit, Java, Azure, Terraform, Jenkins, GitHub, MySQL, GitHub Actions.

May 2018 –
June 2018

Global Space Technologies, India

Robotic Intern

- Developed and implemented an Arduino-based robot that successfully detected obstacles, followed black lines, and allowed remote control through an Android application, enhancing user experience, and fostering innovation in robotics.
- The company recognized the bot as their 1st prototype.

Tech: Arduino, C++, Android, Java.

PERSONAL PROJECTS

Switchrr - A home automation Android application:

- Innovated and designed a home automation system using IoT devices and an Android app. Engineered a PCB board that leverages an ESP8266 microcontroller, enabling remote ON/OFF operations.

Tech: ESP8266 microcontroller, Arduino IDE, C++, Android, Java, AWS EC2, PCBWAY, JLCPCB, AWS EC2.



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shanmukhgorle.dev

TECHNICAL SKILLS

- JAVA**
- C**
- Spring Boot**
- Spring**
- Angular 2+**
- NodeJS**
- MongoDB**
- ReactJS**
- JavaScript**
- Express**
- HTML & CSS**
- MySQL**
- Bitbucket**
- ReactJS**
- Amazon AWS**
- Git**
- Microsoft Azure**

EDUCATION

Master of Science in Computer Science

University of North Carolina, Charlotte
(UNCC)

August 2022 – December 2023

Charlotte, NC

Bachelor of Technology in Computer Science and Engineering

Kalinga Institute of Industrial Technology
May 2015 – May 2019

Odisha, India

AWARDS AND APPRECIATION

- Received the Cognizant Cheers Gold 2021 award for playing a critical role, showcasing exceptional ownership and leadership qualities, and silver award for working as one.
- Achieved the Cognizant Cheers Silver 2020 award achieving a flawless 100% delivery record across every release.
- Attained the designation of Environment Champion through adeptly tackling and resolving challenges within development environments, while consistently maintaining downtime of less than 5% during sprints.

CORE COMPETENCIES

- Teamwork
- Creative Thinking
- Avid Learner & Adaptive
- Responsible and Reliable
- Cross Functional Collaboration
- Database Design
- Agile Methodology
- Java Programming & Frameworks
- MEAN/MERN Stack
- Spring MVC