# Sree Sai **Ogeti**

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## TECHNICAL SKILLS

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|---|---|
| **PROGRAMMING LANGUAGES** | Java (primary) , C++ ,  JavaScript , Python , Kotlin |
| **DATABASE &  MANAGEMENT** | MySQL , LINQ , MongoDB |
| **TEST AUTOMATION** | Selenium Web Driver (Java) , REST Assured API Automation (Java) |
| **TOOLS & FRAMEWORKS** | Next.JS , SFML (C++) , CMake , Pandas , Jupyter , Doxygen , Bitbucket , JIRA,Ktor ,Prisma TestRail , Git , Postman , Jenkins , CSS , HTML , ALM 11.0 , Maven , BDD Testing |

## EDUCATION

**UNIVERSITY OF UTAH (UOU),  Kahlert School of Computing**                                    **Aug 2022 - Dec 2023**
**MS Computer Software Development -** Salt Lake City, Utah, United States                        **\*\*GPA 3.96/4**
**Coursework -** Introduction to Software Development , Computer Programming , Data Structures and Algorithms
             Computer Architecture & Operating System , Computer Networking & Security , Software Engineering
             Database System & Applications , Data Analytics & Visualization , Android Programming

**National Institute of Technology, Arunachal Pradesh, India (NITAP)**                            **Jun 2014 - May 2018**
**Bachelor's in BioTechnology Gold Medalist**                                                  **GPA 8.66/10**

## ACADEMIC PROJECTS

### Video Streaming Application - Next.js,TypeScript,Prisma, TailWind CSS, MongoDB ,Node.js
Developed a cross-platform video streaming platform with Next.js and React to ensure a consistent user experience on web and mobile interfaces. To efficiently manage user data, video content, and streaming metadata, I implemented Prisma as the database ORM and utilized MongoDB for data storage. Additionally, A scalable backend with Node.js, enabling the platform to handle increased user activity and content growth while maintaining optimal performance and reliability.

### Web Chat Server - Javascript, HTML, CSS, Java, Web Sockets
The complete web chat server was created to make people join the chat room and interact with others. A frontend page developed with HTML, CSS, JavaScript, and WebSockets. Handshake protocols were used to send/receive messages from the server developed in JAVA.

### Android Paint App - Kotlin, Room, Espresso, Jetpack Compose, Ktor
A collaborative drawing app was developed using Kotlin, Custom ViewModel, Jetpack Compose, and Ktor Server. It offers diverse tools for drawing, a user-friendly interface, and thorough testing. The app is reliable and performs well, enhancing user satisfaction. It was rigorously tested using Unit Test cases, Instrumented Tests, and Automation Testing using Espresso.

### DNS Resolver - Java Network Protocols
A simplified version of the DNS (Domain Name System) protocol that responds to the domain name requests from the dig command line tool. This resolver is implemented in Java and can resolve IPv4 and IPv6 addresses.

### BlackJack Game - C++| SFML CMAKE
This collaborative game project was built in C++ SFML libraries to make interactive screens for the game. Players can play the game with keyboard and mouse interactions.

## WORK EXPERIENCE

### Quality Engineer, Turvo India Private Limited, India                                    Apr 2020 - Aug 2022
- ❖ Developed 500 API test scripts for products in Rest Assured Java Automation Framework.
- ❖ Working Knowledge of the Logistics Domain (Orders, Inventory, and item master).
- ❖ Worked successfully as a single QE for a team of 8 developers in a 2-week sprint release fast-paced Agile environment.
- ❖ Performed comprehensive Functional, Integration, and Performance testing for go-live features.
- ❖ Updated existing 700 API Automated test cases to perform efficiently and increased speed and accuracy by 30%.
- ❖ Served as a **Subject Matter Expert (SME)**, actively contributing to feature enhancements, and providing KT to support developers.
- ❖ Managed fellow peers through Sprint Planning Sprint Retrospective meetings and followed their work with JIRA daily stand-up calls.
- ❖ Participated in code reviews with developers to improve the quality of software releases and reduce the number of defects.

### System Engineer, Infosys Private Limited, India                                        Jun 2018 - Apr 2020
- ❖ Revised and maintained 1600 UI automated test scripts in Selenium Java, increasing the pass rate by 30%.
- ❖ Knowledge of Banking Domain - (Payments, Dashboard, Account statements).
- ❖ Automated 300 UI test scripts in Selenium with the Cucumber framework.
- ❖ Developed an Excel-based prototype to detect HTML attribute changes, reducing manual effort by 40%.

## ACHIEVEMENTS

- ❖ Received **Most Valuable Player (MVP)** award for exceptional commitment twice from Turvo.
- ❖ Certifications of Appreciation for contributing towards Automating Home Loan Self-Service Digitization from Westpac(Infosys).