

Vishruth Byaramadu Lokesh

Mobile: +1 (530)-321-0011 | [Linkedin](#) | Email: vishruth.lb5@gmail.com | Portfolio Website: [Vishruth Portfolio](#)

PROFESSIONAL EXPERIENCE

Software Engineer - LTIMindtree

March 2021 – July 2023

- Developed web application and chat bots using **JavaScript**, **React** and **Redux**, which was used by over 1 million users.
- Designed **RESTful APIs** in tandem with Express and **Node.js** to provide smooth front-end-backend connectivity.
- Performed thorough code inspections and enhanced the functionality of the program, which reduced load times by 33%.
- Implemented **Jest** and **Mocha** unit tests, guaranteeing code stability and cutting the number of bugs by 20%.
- Implemented **CI/CD pipelines** using **Jenkins** and automated software delivery processes for faster and more reliable deployments.
- Improved application's scalability and fault tolerance by implementing **microservices architecture**.
- Implemented **logging** and **monitoring** solutions to track application performance and identify bottlenecks.
- Reduced downtime of **database servers** by configuring high availability which improved reliability.
- Migrated database server from on-premises to **AWS EC2** instance.
- Monitored errors logs on servers and ran **PowerShell scripts** to resolve them.
- Worked on layers of **TCP/IP** protocols.
- Configured **DNS** and **DHCP** servers and set up **IP addresses** for the client Machines.
- Applied cumulative patches on **Linux server** to reduce vulnerabilities.

(JavaScript, Python, HTML, CSS, React and Node.js, ASP.NET, .Net, Linux, Docker, Jenkins, AWS, Azure, Windows Server 2016, RHEL 7, Cisco Switching and Routing, Virtualization and Python Scripting, DNS, Network Protocols, Backup and restore, TLS, TCP/UDP, RESTful APIs, Linux Kernel, Ethernet communication package analysis, AWS, VDI, Kubernetes and Docker)

PROGRAMMING & COMPUTER SKILLS

- **Languages:** C, C++, Java, Python, PowerShell, C#.
- **Build Tools:** Docker, Jenkins, ANT and Maven.
- **Version Control:** Tortoise SVN, CVS, Source Tree and GIT.
- **Web:** HTML5, CSS3, JavaScript, Node.JS, XML, ReactJS, jQuery, Bootstrap, JSON Restful, AngularJS and AJAX.
- **Web/Application Servers:** Apache Tomcat, IBM WebSphere, Web logic Application server, Camel.
- **Database:** MySQL, MS SQL, SQLite, MongoDB, Oracle, IBM DB2, NoSQL, Cassandra.
- **Operating systems:** Windows, Linux, RHEL, Ubuntu.
- **Methodologies:** Agile, Test Driven Development, Waterfall.
- **IDE/ Tools:** Eclipse, Visual Studio Code, IntelliJ, Spring Tool Suite (STS), RAD, Android Studio, GitHub.
- **Testing Tools:** Junit, Mockito, Selenium, Jasmine, Karma, Soap UI, SLF4J, Log4j and JIRA.
- **J2SE/J2EE Framework:** Java, J2EE. JDBC, Spring, Hibernate, Spring MVC, Spring IOC, Spring AOP, Spring Security, JSF, Junit, SOAP UI, Kafka, Kubernetes, RabbitMQ, Spring Boot.
- **Web Services:** SOAP, Microservices, Restful.

EDUCATION

Master of Science in Computer Science

California State University Chico, Chico, CA, USA.

Graduating: May 2025

Overall GPA: 3.4/4

Bachelor of Engineering

Visvesvaraya Technological University, Belagavi, KA, INDIA.

March 2021

Overall GPA: 8.18/10

PROJECTS

Goods Stock Management Application

(Mongo DB, Express.js, Angular, Node.js)

- This application was designed to keep the records of the dispatched and received goods by scanning the bar code of the item in real time.
- This application boosts productivity by 90% and cuts operational cost up to \$ 35,000 annually per location.

Body Pose Detection App

(Dart, SQLite, Google ML – Kit Flutter)

- In this application, the user has the flexibility of taking a photo or uploading an image from their phone's gallery or to use a camera to view their posture in real time. After feeding in the required data, this application will show the user's posture details with corrections that are required.
- The lightweight, adaptable ML Kit pose Detection API can quickly determine a subject's body pose from a looping video or still image with an accuracy of 95 %.

Online Auction System

(HTML, CSS, JavaScript, Python, MySQL, Django)

- This is an online website where the user can register for auctions and bid online. This will facilitate a larger number of bidders to attend the auction from any part of the world.
- This website will reduce the cost of setting up an auction event by up to 95%. Additionally, since there is no limit on the number of bidders who can attend the event, the sellers will get the accurate market value for their product sold.