
DURGA NAGA SAI SIREESHA VALLURI

Denton, TX 76201 ♦ +1(940) -843-3948 ♦ sireesha.vdns@outlook.com

WEBSITES, PORTFOLIOS, PROFILES

- [linkedin.com/in/sireeshavalluri29](https://www.linkedin.com/in/sireeshavalluri29)
- <https://github.com/sireesha2911>

PROFESSIONAL SUMMARY

Full Stack Developer with over 3 years of experience specializing in Java, J2EE, Spring, MVC, Hibernate, and Web Apps development. Proficient in developing scalable solutions and enhancing user interfaces using HTML, CSS, JavaScript, Angular, React, and Node.js. Experienced in working with relational databases such as SQL Server and Oracle, and cloud technologies including AWS, and Google Cloud. Strong object-oriented design and development skills, impeccable software engineering habits, and expertise in developing complex, high-performance enterprise software. Systematic Java Trainee committed to learning how to implement and maintain Java-based interfaces and components. Skillful in writing well designed, testable code and designing low latency applications. Tech-savvy and goal-oriented individual proficient in Java , Angular and React paired with knowledge of Spring boot, Node.js.

SKILLS

- **Languages/Programming:** Java, J2EE, SQL, PL/SQL, MySQL, C, C++, Python, Unix Shell Scripting, HTML, CSS, JavaScript, TypeScript, ECMAScript, Angular, React, Node.js.
- **Frameworks and Libraries:** Spring, Spring Boot, Hibernate, MVC, Bootstrap, Apache Tomcat
- **Operating System:** Linux, Windows, Mac OS
- **Software tools/Applications:** MS Office, Git, GitHub, Postman, Splunk, AWS Cloud, Prompt Engineering
- **Technical Skills:** Object-Oriented Design, Unit and Regression Testing, Code Reviews, Developing Data Models, Developing Test Specifications and Plans, Framework Source Code Debugging, Spring Framework, RESTful APIs

WORK HISTORY

Full Stack Java Developer Intern, 08/2023 - Current

IKCON Technologies Inc – New Jersey, USA

- Spearheaded healthcare products using Spring Boot and Angular, ensuring HIPAA compliance and security

- Engineered scalable backend solutions with Java and J2EE, optimizing data handling processes for healthcare professionals, resulting in a 35% increase in data processing speed and a 25% reduction in system downtime
- Integrated user-friendly front-end interfaces using HTML, CSS, and JavaScript, improving navigation for healthcare providers
- Implemented telemedicine and scheduling features, boosting patient care and engagement
- Collaborated with cross-functional teams to meet industry standards and customer needs.

Graduate Research Assistant, 05/2023 - 07/2023

Camp Imagine IT – UNT, Texas

- Instructed campers in Java and Python programming, enhancing their coding skills and software development understanding
- Incorporated Micro and LEGO SPIKE to foster creativity and problem-solving in an interactive environment
- Developed lesson plans aligned with educational standards, encouraging active participation and collaboration.

Software Engineer, 08/2021 - 07/2022

Amdocs – Pune, India

- Led API design to deployment, optimizing performance and ensuring seamless user interaction with Java, REST, and advanced algorithms
- Pioneered integration techniques between React and Java backend, enhancing system efficiency
- Optimized application performance, achieving a 30% increase in system efficiency
- Utilized relational databases like SQL Server and Oracle for efficient data management
- Worked with AWS and Azure for cloud-based solutions, enhancing application scalability and reliability.

Intern, 05/2020 - 06/2021

Amdocs – Pune, India

- Gained experience with Agile, Scrum, and Waterfall development methodologies
- Authored Python and Java scripts to automate failure analysis, improving process reliability.
- Analyzed problems and worked with teams to develop solutions.
- Gained valuable experience working within a specific industry, applying learned concepts directly into relevant work situations.

EDUCATION

Masters in computer science: 05/2024

University of North Texas - Denton, Texas

GPA: 3.73/4

Bachelor of Technology in Electronics and Communication Engineering: 05/2021

Shri Vishnu Engineering College for Women - Andhra Pradesh, India

GPA: 8.96/10

ACCOMPLISHMENTS

Winner, Semifinals of the **Indian Innovation Challenge Design Contest 2019**, organized by IIM Bangalore, DST, and Texas Instruments; awarded \$200.

PROJECTS

1. Banking Application, developed a comprehensive banking web application allowing users to manage accounts, conduct transactions, and apply for loans securely. Integrated payment gateways for seamless transaction processing and fund transfers resulting in a 40% reduction in transaction processing time., Java, Spring Boot, Spring Security, Spring Data JPA, Thyme leaf, PostgreSQL
2. Hospital Management System, Designed a Java-based system for efficient patient record management, appointment scheduling, and medical resource allocation., Java, JavaScript, Spring Boot, HTML, CSS, PostgreSQL, Angular
3. Beauty Products Online Shopping Website, developed a robust and user-friendly e-commerce platform for beauty products, featuring comprehensive product listings, advanced search functionality, secure payment processing, and personalized user accounts. Integrated seamless shopping cart experience and efficient order management system., HTML, CSS, JavaScript, React, Node.js, Express.js, MongoDB Automatic
4. Humidity and Temperature Control in Cold Storages, Innovated an IoT-based system to automatically adjust temperature and humidity levels in cold storage based on the type of product stored resulting in a 50% decrease in produce spoilage.