

SRAVANTHI PRODDATOORI

+1(703)-554-0414 | proddatoorisravanthi1@gmail.com | [linkedin.com/in/sravanthi-proddatoori-616374176](https://www.linkedin.com/in/sravanthi-proddatoori-616374176) | Raleigh, NC(Open to relocate)

SUMMARY

Highly skilled and motivated Full Stack Developer with 2+ years of experience in designing developing and maintaining complex web applications. Proficient in front-end and back-end technologies including JavaScript, React, Node.js, Express, and MongoDB. Specialized in React and python. Demonstrated ability to collaborate effectively with teams, ensuring high-quality software solutions. Strong problem-solving skills with a passion for learning and adapting to new technologies to deliver innovate and efficient solutions.

PUBLICATION

Title: “Detecting attacks and Optimizing Routes in Radio-frequency Networks using Machine Learning and Graph Theory”, (Accepted for publication in IEEE NETSOFT 2024 proceedings).

Title: “A Zero Trust Framework for Realization and Defense Against Generative AI Attacks in Power Grid,” “Published: Accepted article by IEEE International Conference on Communications (ICC 2024). [LINK](#)

TECHNICAL SKILLS

Front-end: React, JavaScript, HTML5, CSS3, Redux, Bootstrap

Back-end: Java, RESTful API's, Spring Boot, Spring Security

Databases: My SQL, PL/SQL, Mongo DB, PostgreSQL

Version Control: Git, GitHub

Devops : Docker, Jenkins | IDE's : Eclipse, IntelliJ IDEA, Visual Studio Code

Data Analytics: R, MS Excel, Tableau, SQL Server, POWERBI

Tools: Docker, VS Code, JIRA | Cloud: AWS, GCP

WORK EXPERIENCE

Full Stack Developer Intern – William & Mary, VA

Jan 2024- May 2024

- Collaborated with a team to design, develop and deploy web applications using **Java, Spring Boot** and **ReactJS**, improving user interface performance by 70%
- Developed and implemented landing pages for a platform using technology **ReactJS**.
- Created and maintained RESTful web services, enabling integration between frontend and backend systems.
- Utilized **Git** for version control, managing branching, merging and pull requests. Expertise in **unit test** and **integration testing**.
- Managed databases using MySQL, optimizing query performance, and ensuring data integrity.
- Worked closely with the project team and my professor to ensure the project's objectives were attained.

Full Stack Developer, VMASC, Suffolk, VA

Jan 2023 – Dec 2023

- Worked closely with researchers, project managers to understand requirements and translate them into technical solutions.
- Contributed to the development and deployment of simulation software using **Java, Spring Boot** and **React**.
- Assisted in developing and maintaining **RESTful APIs** to facilitate data exchange between simulation tools and external systems.
- Gained experience deploying applications on **AWS**, utilizing **EC2** and **S3** for scalable and reliable cloud solutions.
- Participated in agile practices, including **stand-ups** and **sprint planning**, collaborating effectively with a multidisciplinary team.
- Assisted in analyzing simulation data to validate models and ensure accurate representation of real-world scenarios.
- Developed responsive and user-friendly interfaces using **HTML**, **CSS** and **JavaScript** enhancing user experience through intuitive design and seamless functionality.

Software Developer, ODU

Aug 2022-Dec 2022

- Served as a front-end developer, building, and maintaining university web pages using **Laravel, PHP** and **JavaScript** achieving enhanced user interface, 40% rise in webpage functionality and positive end-user feedback.
- Developed a website using **Angular JS** and **React JS**, also worked on university's online portal which deals with course registration.
- Identified and Troubleshooted bugs ensuring 100% functionality and continuously delivered high-quality website.

Full-Stack Developer Intern, Zemoso Technologies, Hyd, India

Dec 2021- June 2022

- Identified and Troubleshooted bugs ensuring 100% functionality and continuously delivered high-quality website.
- Designed and developed a tool to create page structures for displaying content on OTT platforms, using Java for server-side logic, **react** for front-end development, and managing cloud resources with **Terraform**.

- Led the development of a **Java** based data automation framework, reducing manual processing time by 50%, through optimized algorithms and modular design.
- Implemented **Java** for application development, leveraging its capabilities to embed **SQL** queries and optimize database operations within **Spring framework**
- Contributed to the design and implementation of an enterprise data management solution using **Java**, improving data handling by 40% for a major client.
- Collaborated closely with UI/UX designers, product managers and QA teams to gather requirements and enhance the user interface and application performance.
- Participated in all phases of the software development life cycle (**SDLC**), from requirements gathering to deployment, ensuring seamless integration and delivery.

PROJECTS

HealthCare App Development

- Developed a real-time healthcare application using **React JS**, **Node.js**, **AWS DynamoDB** and **SQL** ensuring secure and efficient data preprocessing.
- Implemented real-time features with **Web Sockets** and utilized **Git** for version control.

Digital Search Engine

- A highly scalable web application leveraging **Elastic Search**, **PHP**, **Laravel**, **CSS**, and **MYSQL** to empower advanced search capabilities for ETDs with 100% search accuracy.
- Programmed **RESTful APIs** facilitating users to query programmatically or using curl command to retrieve search results.

EDUCATION

Master's in computer science

Old Dominion University, CGPA: 3.80/4.0

Virginia, USA

2024

Bachelors in Electronics and Communication Engineering

Vasavi College Of Engineering , CGPA : 8.7/10.0

Hyderabad, India

2022