SRAVANTHI PRODDATOORI

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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

Languages	Java, XML, SQL, JavaScript, HTML, CSS, TypeScript
J2EE Technologies	Struts, Servlets, JDBC, JPA, Java Security, JSTL, Java Mail and Web Services, J2EE, JPA, JavaBeans, JNDIJSF, Spring, Hibernate, Spring MVC, Spring IOC, Spring AOP, Spring Boot, AWT, HQL, Web Services SOAP and RESTful, Apache Kafka.
Web Technologies	HTML4.0,5.0/DHTML, CSS2/3, Ajax, jQuery, JavaScript, and XML
JavaScript Technologies	Node.js, jQuery, Bootstrap, ReactJS, Angular
Cloud	AWS, GCP
Frameworks	ReactJS, Spring MVC, Spring JPA, Spring Bootj Query, Angular JS, jQuery
Databases	MySQL, SQLite, MongoDB, Apache, DynamoDB, Casandra, PostgreSQL, SQL Server, Apache Cassandra.
Testing Tools	Junit, TestNG, Mockito
CI/CD Tools	Jenkins, Docker, AWS Code Pipeline, CloudFormation
Operating Systems	Windows, Linux, and Unix
Version Control Systems	Git, GitHub
Other Skills	Linux/Unix Systems, Microservice Architecture, API Development
IDE's	Eclipse, IntelliJ J IDEA, Visual Studio Code, NetBeans
Messaging Tools	Apache Kafka

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.

Graduate Assistant, 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.

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	*Virginia, USA*
Old Dominion University, **CGPA**: **3.80/4.0**	May 2024
Bachelors in Electronics and Communication Engineering	*Hyderabad, India*
Vasavi College Of Engineering , CGPA : 8.7/10.0	2022