

NANDU S A

Software Engineer, Frontend Engineer

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PROFESSIONAL SUMMARY

Results-driven Software Developer with experience in designing, developing, and optimizing web applications. Skilled in **React.js, Node.js, SQL, and RESTful APIs**, with a strong focus on building **scalable and user-friendly solutions**. Quick learner with **strong analytical and problem-solving skills**, adept at adapting to **fast-paced environments**. Experienced in **feature development, UI enhancements, and backend integration**, ensuring seamless performance and maintainability. Forward-thinking in **strategizing long-term technical solutions**, while troubleshooting and optimizing applications for system stability. Collaborative team player with a solid understanding of **Agile methodologies**, actively contributing to **scrum meetings, sprint planning, and code reviews** to drive continuous improvement. Passionate about delivering **high-quality software solutions** and **enhancing product development**.

SKILLS AND INTERESTS

- **Programming Language:** JavaScript, Python(Basic).
- **Frontend Development:** React.js, Material UI, Material UI X.
- **Backend Development:** Node.js, Django, Node mailer.
- **Database Technologies and ETL:** PostgreSQL, MongoDB.
- **Deployment:** AWS.
- **Development Tools and Practices:** Git, PgAdmin.

WORK EXPERIENCE

iLearningEngines | Software Engineer

(Nov 2021 – Feb 2025)

- Developed and optimized UI components for the Learning Management System (LMS) platform using **React.js**, ensuring responsiveness and seamless user experience.
- Designed and implemented **stored procedures and RESTful APIs** for efficient backend communication and data handling
- Collaborated with **Technical Architects, Product Owners, and cross-functional teams** to translate project requirements into technical specifications and scalable solutions.
- Actively participated in **Agile Scrum ceremonies**, including **daily stand-ups, sprint planning, and retrospectives**, fostering a culture of continuous improvement and iterative development.
- Contributed to **product enhancements and optimizations**, ensuring scalability, performance, and maintainability through best coding practices and collaborative teamwork.
- **Diagnosed and resolved software issues** by analyzing logs, debugging code, and implementing fixes to enhance system reliability and performance.

PROJECTS

- **A Learning Management System (LMS) Platform:**

As part of the core development team, I played a key role in enhancing the **Learning Management System (LMS) platform** by implementing new features and improving system performance. I worked on **feature development, UI enhancements, and API integrations**, ensuring seamless data flow between the front end and back end. In addition to developing **scalable and reusable components**, I contributed to **refactoring existing code** to improve maintainability and efficiency. I collaborated with stakeholders to analyze user feedback and incorporated necessary improvements, focusing on **accessibility, performance optimization, and overall user experience**. I also worked on debugging and resolving production issues, ensuring minimal downtime and a smoother user experience. Following **Agile best practices**, I participated in sprint planning and contributed to discussions on architectural improvements to enhance the platform's scalability and reliability.

EDUCATION

- **B Tech Electronics and Communication Engineering**
MG College of Engineering, Thiruvallam (2017-2021) CGPA: 7.75/10
- **Kerala Board of HSE – Plus Two**
VPS HSS For Boys Venganoor, Trivandrum (2015-2017) CGPA: 8.74/10

CERTIFICATES AND ACHIEVEMENTS

- Course attended in Additional Skill Acquisition Programme (ASAP) in 2017
- Full Stack Web Development for Beginners from Udemy courses.
- Certification in Basics of MongoDB and Aggregation Framework
- Certification in AWS Cloud Practitioner Essentials.
- Internship Certification in Python & Django.