Nagalakshmi Kongara

Phone number: +919920927706 **Email address:** iknlaxmi@yahoo.com
Web: http://nagalakshmi.net

Profile

Dynamic Fullstack Developer with a robust background in Software development and Architecture. I am skilled and proficient in React.js, Node.js, and MongoDB. I have demonstrated ability to solve complex problems and expertise in Next.js and Typescript. Furthermore, I am seeking a challenging opportunity as a Fullstack Engineer to leverage my diverse skill set and passion for innovation.

Work Experience

09/2023 – present
Bengaluru, India

Full stack developer
Freelancer

- Developed and implemented RESTful APIs using Node.js, Express, and MongoDB to enhance system efficiency and scalability.
- Collaborated with cross-functional teams to design and deploy responsive web applications utilizing React.js, HTML, CSS, and JavaScript.
- Conducted regular code reviews and debugging sessions to ensure a high-quality, clean, and maintainable codebase.
- Led the migration of legacy systems to modern technologies, resulting in improved performance and user experience.
- Projects: Course selling app

04/2023 – 08/2023
Bengaluru, India

Full stack developer
Sonata Software

- Developed and implemented front-end features using React.js to enhance user experience and increase customer engagement.
- Collaborated with cross-functional teams to design and build scalable and efficient back-end systems using Node.js and MongoDB.
- Utilized Agile methodologies to successfully deliver high-quality software solutions within tight deadlines.
- Conducted regular code reviews and refactored existing codebase to optimize performance and maintainability of web applications.
- **Projects**: e-commerce app

05/2022 – 04/2023
Bengaluru, India

Full stack developer
Freelancer

- Developed and implemented responsive web applications using HTML, CSS, and JavaScript, resulting in a 20% increase in user engagement.
- Collaborated with cross-functional teams to design and deploy RESTful APIs, streamlining data access and improving overall system performance.
- Utilized agile methodologies to efficiently troubleshoot and resolve technical issues, reducing downtime by 15%.
- Conducted code reviews and provided mentorship to junior developers, fostering a culture of continuous learning and growth within the team.
- **Projects**: Weather app, Mobile store app.

01/2019 – 11/2019
Bengaluru, India

Frontend developer
Freelancer

- Developed responsive and interactive user interfaces using HTML, CSS, and JavaScript for a variety of web applications.

Work Experience

- Collaborated with designers and backend developers to implement design mockups and integrate front-end components with server-side logic.
- Optimized website performance by implementing best practices in frontend development, such as lazy loading and minification of assets.
- Conducted thorough testing and debugging of frontend code to ensure cross-browser compatibility and seamless user experience on multiple devices.
- **Projects**: School management app, website for cake shop, portfolio websites

08/2007 – 01/2019
Mumbai, India

Technical lead
Larsen&Toubro limited

- Spearheaded the development of a new software application, leading a team of developers to successfully deliver the project on time and within budget.
- Implemented agile development methodologies to improve team collaboration and increase project efficiency.
- Resolved complex technical issues by conducting thorough analysis and providing innovative solutions, resulting in improved system performance.
- Mentored junior team members on best practices for coding standards and software design principles, leading to a more cohesive and knowledgeable development team.
- Strong leadership skills demonstrated by mentoring junior team members and leading project teams to successful delivery.
- Led the migration of legacy systems, resulting in a 20% improvement in performance and a 10% increase in user satisfaction rates
- Projects: Robotic Arm, Rocket Launcher, Sonar Array, Anti aircraft gun.

Skills

– LANGUAGES AND FRAMEWORKS

React.js proficiency
Professional

Node.js expertise
Professional

MongoDB database management
Professional

Problem-solving skills
Professional

Next.js
Professional

Typescript
Professional

Turbo repo
Professional

Javascript
Professional

Postgressql
Professional

Express
Professional

Git
Professional

Restful API
Professional

AWS
Professional

Jest
Professional

Redux
Professional

Microservices
Professional

C/C++
Professional

TailwindCSS
Professional

– DATABASE

SQL
Professional

Postgresssql
Professional

Skills

– DATABASE

Mongodb
Professional

– OPERATING SYSTEM

Linux
Professional

Ubuntu
Professional

Windows
Professional

Robotic Operating system
Professional

– DEVOPS

Docker
Professional

CI/CD Pipeline
Professional

– OTHERS

Git
Professional

Design Patterns
Professional

Agile Methodologies
Professional

Data Structures And Algoritms
Professional

Education

06/2005 – 06/2007
Chennai, India

Communication and Networking | Masters
Madras Institute of Technology

08/2001 – 06/2004
Hyderabad, India

Electronics and communication | BTech
Bhoj Reddy Engineering college

Certificates

06/2023

AWS Cloud Practitioner
AWS

10/2018

Machine Learning
Coursera

Achievements

-Implemented a comprehensive user authentication and authorization system, enhancing the security of the application and ensuring compliance with industry standards.

- Led the integration of a third-party API for payment processing, streamlining the checkout process and reducing transaction errors by 25%.

- Collaborated with UI/UX designers to revamp the user interface, resulting in a 30% improvement in user satisfaction scores and a 25% decrease in bounce rates.

- Designed and implemented a RESTful API for a customer relationship management (CRM) system, improving data retrieval times by 40% and providing real-time updates for sales teams.

- Successfully optimized database queries and indexes, reducing page load times by 20% and enhancing overall system performance for a data-intensive application.

- Implemented continuous integration and deployment (CI/CD) pipelines, resulting in a 50% reduction in deployment time and fewer production incidents.

Achievements

- Resolved critical cross-browser compatibility issues, ensuring a seamless user experience across major browsers and devices.

- Mentored junior developers in both front-end and back-end technologies, contributing to the team's skill development and fostering a collaborative work environment.

- Collaborated with cross-functional teams to successfully integrate a secure boot mechanism into embedded systems, ensuring enhanced cybersecurity and compliance with industry standards.

- Achieved a 25% reduction in software bugs by implementing rigorous code reviews and introducing automated testing procedures into the software development life cycle.

- Successfully designed and implemented communication protocols for inter-device communication, facilitating seamless integration between embedded systems and enhancing overall system efficiency.

- Played a key role in the successful completion of a safety-critical embedded software project, meeting all regulatory requirements and earning positive feedback from the project stakeholders.

Hobbies

Learning new Framework

Writing