



NAVEEN THANKAPPAN

Senior Software Engineer Full Stack

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Date of Birth: 31-05-1984

Experienced Software Development Engineer with a strong background in backend development (Node.js, PHP) and frontend dashboard development (Angular, React). Skilled in containerizing applications, optimizing API performance, and implementing microservices architectures to enhance efficiency and maintainability. Expertise in developing interactive, user-centric admin dashboards that improve data visualization and decision-making. Passionate about staying ahead of technological advancements and developing innovative solutions that drive business growth and exceed customer expectations. Seeking a challenging role in a dynamic and innovative software product organization.

Professional Summary

Results-driven Software Engineer with 16+ years of experience in designing, developing, and deploying scalable backend systems using Node.js, PHP, and related technologies.

- Backend & API Development: Architected and deployed scalable backend solutions, optimizing API performance using Kafka, gRPC, and Redis for caching and service communication.
- Frontend: Expertise in building dynamic admin dashboards and data-driven frontend applications using Angular and React, enhancing user experience and operational efficiency.
- Containerization & DevOps: Containerized legacy applications using Docker, enabling efficient deployments and performance improvements.
- Database Management: Proficient in MySQL and MongoDB, focusing on database design, optimization, and query performance tuning.
- Agile & CI/CD: Experienced in Agile Scrum methodologies, collaborating with cross-functional teams to deliver complex software projects. Implemented CI/CD pipelines to automate development workflows and accelerate deployment cycles.

Career Timeline

May 2021 - Dec 2024	Senior Software Engineer (Full Stack) Staytus
Jun 2018 - Mar 2021	Senior Web Developer (Full Stack) EQS Web Technologies Pvt. Ltd
Dec 2017 - May 2018	Lead Web Developer Eden Innovative Infotech Pvt. Ltd
Oct 2013 - Nov 2017	Senior Php Developer (Full Stack) Redhouse Media Group Private Ltd
Mar 2013 - Sep 2013	Senior Web Developer (Full Stack) Imprimis Technologies Private Ltd
Jul 2007 - Feb 2013	Php Developer (Full Stack) Logic Manse Solutions
Nov 2006 - Jul 2007	Network Engineer Amrita Enterprise Private Limited

Work Experience

May 2021 - Dec 2024	Senior Software Engineer (Full Stack) Staytus (Remote)
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Soft Skills

- Communication
- Teamwork
- Problem-Solving
- Adaptability
- Time Management
- Creativity
- Attention to detail
- Analytical Skills

Technical Skills

Node.js	████████
PHP	████████
Microservices	████████
Docker	████████
MySQL	████████
MongoDB	████████
Kafka	████████
React	████████
Angular	████████
Bootstrap	████████
Git	████████
Jira	████████
Redis	████████

Core Competencies

- Backend Development
- Application Scalability & Performance
- Microservices Architecture
- Legacy System Modernization
- Frontend Development

Education

- Master's Degree in Computer Science**
Amrita School Of Applied Science,
Amrita Vishwa Vidyapeetham
2004 - 2006
- Degree in Software Systems**
Amrita School Of Applied Science,
Bharathiar University
2001 - 2004

Collaborated within an Agile Scrum team to modernize and scale legacy systems, aiming to elevate guest and hotel staff experiences and enable streamlined content delivery for in-room displays.

- Engineered and deployed scalable mobile app push notification service utilizing Node.js, Kafka, and MongoDB, ensuring timely and reliable delivery of critical updates to users.
- Modernized legacy content management system (CMS) by transitioning it to a scalable and maintainable Node Js microservice, improving system flexibility and development velocity.
- Successfully containerized legacy PHP applications using Docker, resulting in enhanced resource utilization, streamlined deployment processes, and improved overall application performance.

Technologies Used

Node 16 & 20, PHP, Symfony 3.4, Nest Js MongoDB, Redis 6, Kafka, gRPC

Highlighted Applications

Staytus Mobile Backend: mobile.staytus.com (Php/ Node Js, **2021 - 2024**)

Frontline Web API's: staytus.com (Nest Js / MongoDB, **2023 - 2024**)

Guest Web: guest.staytus.com (Node Js / MongoDB, **2021 - 2024**)

CMS: prod.sweetbeam.net (PHP / Symfony, **2021 - 2024**)

Staytus Social API: https://prod-social-api.staytus.com/api (Nest Js / MongoDB, **2022 - 2024**)

CMS Rewrite: https://cms-v2.staytus.com/api/docs (Node Js/ MongoDB, **2022 - 2024**)

Achievements:

- Migrated all image and document resources to Amazon S3, reducing server load and improving scalability.
- Enhanced legacy system performance by refactoring monolithic services into smaller, efficient microservices, leading to better maintainability and faster execution.
- Designed and developed interactive admin dashboards, enabling real-time monitoring and data-driven decision-making.

Jun 2018 - Mar 2021

Senior Web Developer (Full Stack)

EQS Web Technologies Pvt. Ltd (Kochi)

Worked within an Agile Scrum team, primarily focusing on product development and WordPress plugin creation for Investor Relations and Compliance products. Gained valuable experience in Docker containerization, CI/CD pipelines, frontend development using Angular and microservice development within a demanding and fast-paced environment.

- Developed and implemented secure, scalable REST APIs utilizing Symfony 4.4 and Symfony API Platform to power key features within Investor Relations and Compliance products.
- Implemented WordPress plugins for seamless integration of IR content, leveraging WordPress 5 and Gutenberg blocks to ensure user-friendly content management.
- Developed and implemented complex Cron jobs as console and CLI commands using the Symfony framework, automating critical tasks related to Investor Relations and Compliance processes.
- Enhanced application performance and responsiveness by implementing Varnish Cache for efficient content delivery, Elasticsearch for improved search functionality, and RabbitMQ for handling concurrent user requests.
- Developed and implemented a web push notification system using PHP, a Node.js broadcasting server, and a TypeScript socket client to provide real-time updates to back-office users on background tasks, Cron job statuses, and other critical events.

Technologies Used

PHP 7, Symfony4.4, Node Js, Redis & Rabbit MQ

Highlighted Applications

https://newcockpit.eqs.com/ (Angular, Node Js, Syfmony 3.4, Microservices, **2018 - 2021**)

Achievements:

- Designed and developed a complex admin panel using AngularJS and Prime NG for a new investor cockpit application, enabling seamless data management and improved user experience.

Dec 2017 - May 2018

Lead Web Developer

Languages

English Malayalam

Hobbies

Cricket Gardening Tech Reading

Eden Innovative Infotech Pvt. Ltd (Kochi)

Led and managed a team of developers in a fast-paced environment, focusing on delivering high-quality web solutions. Delegated tasks effectively, provided guidance and support to team members, and ensured projects aligned with the shared vision and objectives.

- Collaborated with the web design and development team to create engaging and user-friendly online portals for diverse industries, including medical care, social media, ERP (Odoo) and auction platforms, utilizing a range of front-end and back-end technologies.
- Successfully delivered web solutions for medium-scale clients, ensuring projects were completed on time and met all client requirements, by effectively creating project plans, communicating deadlines, and managing the development process.
- Assisted the design team with coding aspects to create visually appealing and user-friendly interfaces, guaranteeing compatibility across all major web browsers, enhancing user experience, and ensuring accessibility for a wider audience.

Oct 2013 - Nov 2017

Senior Php Developer (Full Stack) **Redhouse Media Group Private Ltd (Remote)**

Managed multiple aspects of online operations for a real estate portal, including website development and maintenance, server administration, database management, and SEO optimization. Worked remotely with minimal supervision, demonstrating initiative, self-management, and a commitment to meeting deadlines.

- Redeveloped and optimized a legacy PHP-based XML property feed parser for a real estate portal, aligning it with the REA XML standard, thereby improving data accuracy and efficiency.
- Provided ongoing maintenance and development support for existing web applications, ensuring smooth operation and addressing bug fixes and patch implementations, contributing to the platform's stability and reliability.
- Optimized search algorithms and database queries, resulting in a more responsive and user-friendly experience for property seekers, demonstrating a commitment to delivering high-quality user experiences.
- Contributed to the enhancement of property listing presentations across web and mobile platforms, ensuring optimal display and information accessibility for potential buyers and renters.

Mar 2013 - Sep 2013

Senior Web Developer (Full Stack) **Imprimis Technologies Private Ltd (Kochi)**

Provided full lifecycle support to clients, from initial requirements gathering and analysis through design, development, testing, implementation, and ongoing maintenance. Collaborated closely with clients throughout the development process to ensure solutions met their specific needs.

- Developed and maintained applications for both web and mobile platforms utilizing PHP and related technologies, contributing to the company's portfolio of software solutions.
- Developed a scalable and efficient dashboard to manage product inventory, billing, and reporting, providing clients with comprehensive insights into their business operations.

Jul 2007 - Feb 2013

Php Developer (Full Stack) **Logic Manse Solutions (Trivandrum)**

Prepared project requirement specifications, work breakdowns, and timeframe estimations, demonstrating project management and planning skills. Set up development environments and selected appropriate technologies to deliver effective solutions, showcasing technical decision-making and problem-solving abilities. Collaborated effectively within a team setting using revision control systems like Mercurial, highlighting communication and teamwork skills.

- Developed and delivered numerous websites and applications across various domains, including E-commerce, Real Estate, Directory Listings, and Video Platforms, demonstrating versatility and adaptability in web development.
- Gained experience working with popular open-source E-commerce solutions such as Zen Cart, OpenCart, and Ecommerce Templates (ECT), showcasing familiarity with industry-standard tools and platforms.
- Utilized PHP frameworks such as CodeIgniter and Yii to build robust and scalable web applications, reflecting knowledge of different architectural patterns and development methodologies.

Nov 2006 - Jul 2007

Network Engineer

Amrita Enterprise Private Limited (Trivandrum)

Performed essential network administration tasks as a Jr. Network Engineer, demonstrating foundational knowledge and skills in network setup, configuration, and troubleshooting.