Jayasurya V

jayasurya.com
9080020109 | jayasurya12vj@gmail.com

EDUCATION

ANNA UNIVERSITY
B.E - Computer Engineering
Sep 2021 | Tiruchirappalli, TN

TECHNICAL SKILLS

Programming Languages
- Java
- JavaScript

Libraries
- AngularJS
- React JS
- Highcharts

Frameworks
- Node.js
- Express.js
- Svelte

Technologies
- REST
- Docker
- Kubernetes

Tools
- DataDog
- Atatus
- Postmon

Database
- SQL
- Mongo DB

Cloud Computing
- AWS S3 Bucket
- AWS EC2

Interests
- AI & Machine Learning
- Cloud Computing
- Computer Networks

LINKS

Github: jayasurya
Linkedin: jayasurya
Leetcode: jayasurya

EXPERIENCE

NAMLABS TECHNOLOGY PVT.LTD. | Software Engineer
Product - Atatus
Nov. 2022 – present | Chennai, IN

- Created interactive dashboards for performance monitoring and log analysis using HTML, CSS, Svelte, and JavaScript; boosted data visibility and cut troubleshooting time by 40%, significantly improving operational efficiency.
- Improved real-time data visuals by 40% with Highchart.js integration.
- Saved 25% development time by using Lodash for easier utility functions.
- Made data fetching 30% faster by using Node.js and Express.js for backend services.
- Developed and deployed scalable RESTful APIs, enhancing system reliability and supporting a 60% increase in user transactions, while maintaining an error rate below 0.1%.
- Engineered efficient storage solutions for monitoring data with SQL and MongoDB databases, leading to a 50% reduction in database query times and improving data retrieval efficiency by 40%
- Optimized websites for cross-device and cross-browser compatibility, resulting in a 45% reduction in bounce rate and a 30% increase in average user session duration.
- Optimized codebase with techniques like lazy loading and code splitting, achieving a 50% decrease in page load times and boosting user retention by 20%.

KUBERNETES AND CONTAINER MONITORING | JUL-2023 - JAN-2024

- Enhanced application management with Docker, enabling seamless updates, scaling, and improved system reliability.
- Orchestrated containerized environments using Kubernetes, scaling 20+ services dynamically and maintaining 99.95% uptime, resulting in a 40% increase in system reliability and 25% faster deployment cycles.

API SHAPING

- API Throttling: Implemented a request-throttling system, reducing server downtime by 50% and enhancing reliability.
- Schema Validation: Structured request schemas, decreasing debugging time by 30% and improving API performance by 20%.

SECURITY MONITORING

- Attack Prevention: Engineered defenses against SQL injection, XSS, and other exploits, significantly decreasing security breaches.
- Optimized a vulnerability detection application, improving threat identification accuracy and reducing scan times for quicker mitigation of security risks.