

# Shajan Jacob

Software Engineer

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## PROFESSIONAL SUMMARY

Senior Software Engineer with 8+ years of experience in web applications development, specializing in Node.js, TypeScript, and scalable microservices. Proven track record in system optimization, deployments, and team leadership.

## TECHNICAL SKILLS

Node.js, JavaScript, TypeScript, NestJS, Express.js, Deno, REST API, Microservices, Event-driven Architecture, Real-time Applications, Google Cloud Platform (Pub/Sub, Storage), AWS (Lambda, EC2, API Gateway, S3), Firebase Functions, Docker, Kubernetes, Nginx, MongoDB, PostgreSQL, MySQL, Redis, Elasticsearch, gRPC, Kafka, FHIR, JWT, Auth0, Stripe

## PROFESSIONAL EXPERIENCE

### **Sorice Solutions, Kochi** - *Team Lead*

Feb 2020 - PRESENT

- Architected and delivered core system architectures and key application features, enhancing scalability, reliability, and maintainability.
- Migrated legacy applications to modern frameworks, improving reliability and cutting code modification and feature addition time by 20%.
- Optimized high-throughput APIs handling 300K+ daily requests, improving average response times by 25% and enhancing overall system efficiency and performance.
- Remediated numerous security vulnerabilities across internal and external applications, reducing incidents and improving compliance with industry standards.
- Optimized releases across environments and clients by creating robust deployment plans, cutting time, and reducing release related incidents.
- Contributed to AI integration efforts by researching and implementing relevant tools and technologies.
- Developed internal tools and automation scripts to streamline routine tasks, enhance productivity, and support cross-functional development processes.
- Conducted thorough merge request reviews to maintain high coding standards and mentored junior developers to improve team capability.
- Led hiring process for software engineering roles, interviewing 300+ candidates and improving feedback tracking workflows for faster onboarding.
- Contributed to end-to-end project execution, including planning, estimation, development, delivery, and cross-team collaboration.

### **Cubet, Kochi** - *Software Engineer*

Oct 2017 - Feb 2020

- Architected and developed custom APIs, microservices, and serverless solutions (AWS Lambda, Firebase FaaS) for core projects.

- Published the ffmpeg-sdk NPM package (Node.js wrapper for FFMPEG) powering an online dubbing studio platform.
- Built a scalable Twitter chat engine supporting multiple chatbots per Node.js instance, and implemented real-time text/audio chat via sockets.
- Delivered end-to-end software solutions from prototyping to deployment, resolving critical issues and ensuring seamless operations.

### **Alt S Solutions, Kochi** - *Junior Software Engineer*

May 2017 - Oct 2017

- Developed responsive websites tailored to diverse client requirements.
- Designed and implemented dashboards and APIs for a CRM application.

## **EDUCATION**

**T John Institute of Technology, Bangalore** - *Bachelor of Engineering in CS* - 2017

## **ACHIEVEMENTS**

- Ranked in the top 2% globally in LinkedIn's JavaScript skill assessment.
- Awarded "Project of the Year" for final-year campus project.

## **PROFILES**

[linkedin.com/in/shajanjp](https://www.linkedin.com/in/shajanjp)  
[github.com/shajanjp](https://github.com/shajanjp)  
[npmjs.com/~shajanjp](https://npmjs.com/~shajanjp)

## **HOBBY / SIDE PROJECTS**

**Merry Pixels** - Internet-connected Christmas star with 300 addressable LEDs, remotely animated via JavaScript.

Typescript | Deno | Socket | HTML | Tailwind

[merry-pixels.deno.dev](https://merry-pixels.deno.dev)

**Community Portal** - One-stop platform to discover local businesses, services, and attractions for residents and visitors.

JavaScript | Deno | Fresh | Tailwind | HTML | CSS

[piravom.in](https://piravom.in)

**HN** - Minimalistic Hacker News reader and PWA.

PWA | JavaScript | jQuery | Semantic-UI | Firebase

[guyswhocode.com/HN/](https://guyswhocode.com/HN/)

**Lets All Chef** - Companion for Home Cooks and Chefs.

Organize recipes, create cookbooks, manage health and diet.

NodeJS | ExpressJS | MongoDB | Semantic-UI | Jekyll

[letsallchef.github.io](https://letsallchef.github.io)

**Meemi** - Online ornamental fish store, forum, store locator and wiki.

NodeJS | ExpressJS | MongoDB | Elastic Search | SemanticUI

**BlackPipe** - Expose terminal outputs without sacrificing security.

NodeJS | Sockets | Semantic-UI | ExpressJS

[shajanjacob.com/blackpipe/](https://shajanjacob.com/blackpipe/)

## **HOBBIES**

Terrariums  
 Photography  
 Crafting