Shajan Jacob

Software Engineer

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PROFESSIONAL SUMMARY

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
github.com/shajanjp
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

Community Portal - One-stop platform to discover local businesses, services, and attractions for residents and visitors.
TypeScript | Deno | Fresh | Notion API | Tailwind | HTML
piravom.in

HN - Minimalistic Hacker News reader and PWA.
PWA | JavaScript | jQuery | Semantic-UI | Firebase
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

BlackPipe - Expose terminal outputs without sacrificing security.
NodeJS | Sockets | Semantic-UI | ExpressJS
shajanjacob.com/blackpipe/

Meemi - Online ornamental fish store, forum, store locator and wiki.
NodeJS | ExpressJS | MongoDB | Elastic Search | SemanticUI

HOBBIES

Terrariums
Photography
Crafting