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Professional Summary

Senior Full Stack Software Engineer with over 7 years of experience in full stack development, specializing in JavaScript/PHP frameworks, database technologies & cloud services. Adept at leading development teams, transforming vague requirements into actionable tasks, and designing complex, scalable systems. Skilled in diagnosing complex technical issues with proven ability of efficient & fast problem-solving.

Technical Skills

- **Frontend** : ReactJS, Angular, React Native, NextJS, HTML, CSS,
- **Backend** : NodeJS, GoLang, PHP
- **Database** : MongoDB, PostgreSQL, Firebase, Elasticsearch, Redis
- **Communication** : REST API, WebSocket, RabbitMQ, GraphQL
- **Cloud & DevOps** : AWS, Docker, Microsoft Azure, GCP, Kubernetes, Nginx, HAProxy
- **Monitoring** : Prometheus, Grafana, Loki, ELK Stack, Signoz, Cloudwatch, New Relic

Professional Experience

Magnit Global India Pvt Ltd. | Senior Software Engineer | Remote, India **Dec 2021 – Present**

- Led the migration of the existing Node.js backend to a single responsibility design pattern, integrating Redis for caching and refactoring the codebase into reusable modules.
- Built a highly efficient and scalable communication service using Node.js, Redis, and Amazon SQS to support external bulk Email & SMS communication with 5K+ messages/minute along with individual and batch level logs and statistics.
- Led the gradual migration of the MDS product from legacy PHP Yii2 framework to Angular with Java/Spring Boot tech stack for which increased the velocity of the team by 5x to develop any feature.
- Developed an end-to-end Custom CSS feature for the Magnit DS platform, allowing each client to personalize the website experience by adding custom CSS directly from the Admin Portal.

Jio Platforms Ltd. | Senior Software Engineer | Hyderabad, India **Aug 2018 – Dec 2021**

- As a Senior Software Engineer and backend lead for the Jio Stream platform, I managed a team of 5+ full-stack developers, overseeing both frontend and backend development to drive end-to-end feature implementation and maintenance for the Creator and Admin Portals.
- Developed backend services using Node.js/Express, MongoDB, Redis, Elasticsearch, and RabbitMQ, enabling video processing, management, and fast live streaming (RTMP + HLS) with live chat functionality across both the mobile app and Creator Portal web app. Additionally, I contributed to the Jio Stream Mobile App and SDK built with React Native.
- Designed the system architecture to align with internal InfoSec guidelines and managed the containerized code across cloud services and Jio's on-prem infra, ensuring InfoSec compliance. I collaborated closely with the product team to introduce a tenant system by refactoring the monolithic codebase into microservices, creating horizontally scalable independent services.
- Worked on the migration and initial setup of the backend services using containerization and docker across different cloud platforms such as AWS, Azure, GCP including On-Premise Servers

Education

B. Tech in Instrumentation & Control Engineering | VIT, Pune 2016 | 8.86 CGPA
Diploma in Instrumentation | Government. Polytechnic, Ahmednagar 2013 | 80.53 %

Key Projects

More projects are listed here on the [Portfolio](#)

Magnit Direct Sourcing | Magnit Global India Pvt Ltd. | [Link](#)

Tech Stack : *Yii2, PHP, PostgreSQL, Elasticsearch, Redis*

- Magnit DS is a tenant-based platform comprising two primary web applications. The Candidate website allows candidates to browse and apply for job listings, as well as track their application status. The Admin Portal is used by company employees to post jobs, manage talent pools, and oversee job applications, with integrations to VMS platforms such as Magnit VMS and Fieldglass.
- Both interfaces share a single codebase, developed in PHP using the Yii2 framework. The platform utilizes PostgreSQL, Redis, and Elasticsearch as database technologies.
- As a Senior Software Engineer, I contributed to the development of various features end-to-end, including 3rd Party Service Integrations like TextKernel, LinkedIn, Indeed etc. Currently leading the migration from legacy Yii2\PHP to Angular+Java tech stack for better maintainability & security.

Communication service | Magnit Global India Pvt Ltd.

Tech Stack : *NodeJS, Fastify, PostgreSQL, Redis, Docker, Kubernetes, AWS SQS, Twilio, Sendgrid*

- Communication Service is an internal microservice to handle all incoming & outgoing SMS & Email communications sent by various microservices. It uses PostgreSQL to save the logs along with detailed data regarding statuses of communication.
- As a Senior Software Engineer, I developed the service from scratch as a monorepo with different NodeJs based microservices. Divided it into Restful API, Webhooks and SQS listeners so these can be scaled independently as per the load. Webhooks are developed to listen Twilio & Sendgrid events to incoming communication and status updates, which updates the database with relevant data.

On Demand Sourcing Platform | Magnit Global India Pvt Ltd.

Tech Stack : *React Native, NodeJS, PostgreSQL, PostGIS, Redis, Comet Chat*

- The On-Demand Sourcing Platform is designed to manage the contingent workforce and includes two mobile applications. Managers can post jobs, manage applications, and track candidates' shift data, while candidates can apply for jobs and log their timesheets directly from the app.
- The backend system is powered by Node.js and Express, PostgreSQL (with PostGIS extension for geolocation), and Redis for caching.
- As a Full Stack Engineer, I built the Restful APIs on the Node.js/Express backend, utilizing Sequelize as the ORM for PostgreSQL. I also contributed to the development of the mobile apps in React Native.

Jio Stream | Jio Platforms | [Link](#)

Tech Stack : *React Native, ReactJS, NodeJS, MongoDB, Redis, Elasticsearch, RabbitMQ, nginx-rtmp*

- Jio Stream is a tenant-based platform for managing user-generated video content and live streaming. It is built using the MERN stack, with a React Native mobile app and SDK for content consumption. Elasticsearch is integrated for content search and log analytics, with video metadata stored in MongoDB and media distributed across servers using a peer-to-peer torrent protocol in encrypted chunks.
- Jio Stream Live leverages Nginx and the Nginx-RTMP module to accept RTMP streams and generate real-time HLS streams in multiple resolutions for viewers.
- As a Senior Software Engineer, I worked on the React Native mobile app for video consumption and led a team of five full-stack developers as the owner of the backend system. I was responsible for system design and collaborated with the InfoSec team to implement a secure and efficient production deployment plan.

Additional Achievements

- SPOT Award (Q4-2024) for exceptional dedication at Magnit Global for
- Star Performer (Q1-2021) & Certificate of Recognition for mentorship and ownership mindset at Jio Platforms Ltd. for JioStream Project.
- Mentored 10+ junior engineers as Full Stack Developer at Jio Platforms.