

Rohitash Kator

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Summary

Senior Full-Stack Software Engineer with 3+ years of experience building scalable backend systems, microservices, and API-driven platforms in production environments. Strong expertise in JavaScript/TypeScript, Node.js/Express.js, Nest.js, Docker, Kubernetes, microservices, and cloud-native architecture, with hands-on experience delivering modern front-end single-page applications using Angular and React.js. Proven background in FinTech, analytics platforms, and AI/LLM-powered document processing, with exposure to Python-based services in distributed systems. Adept at owning features end to end, optimizing performance, and delivering secure, maintainable solutions with measurable business impact.

Skills

Languages: <i>JavaScript, TypeScript, Python, Java, Go, C++</i>	Cloud: <i>AWS, Google Cloud(GCP), Docker, Kubernetes(K8s)</i>
Backend: <i>Node.js, Express, NestJS, Microservices, Flask</i>	Testing: <i>Unit & Integration Testing, Jest, Code Coverage</i>
Front-End: <i>React.js, Angular, HTML5/CSS3</i>	Tools: <i>Git, GitHub, Jira, VS Code, DBeaver</i>
Databases: <i>PostgreSQL, MySQL, MongoDB</i>	Soft Skills: <i>Communication, Leadership, Teamwork, Reasoning & Problem Solving, Adaptability, Time Management</i>
Concepts: <i>Data Structures & Algorithms, Object-Oriented Programming, System Design, Operating Systems</i>	

Professional Experience

Talentica Software Software Engineer	Nov. 2024 – Present Pune, IN (Remote)
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Poll Management System (Internal / POC) | *Node.js, Express.js, JavaScript/TypeScript, React, Angular, MongoDB, REST APIs*

- Designed and developed production-grade poll management system with dynamic questions, real-time report, and role-based access.
- Built secure, scalable REST APIs using Node.js and Express.js to handle poll lifecycle management and voting workflows.
- Developed responsive user interfaces using both Angular and React, enabling flexible UI and consistent user experience across platforms.
- Integrated analytics and visualizations for poll results, improving insight delivery and user engagement.
- Emphasized modular architecture, code reusability, and scalability to support future product enhancements.

Julius Influencer Marketing & Campaign Platform (Client: Triller) | *Node.js, JavaScript/TypeScript, NestJS, Grind.js, Angular, MySQL, GraphQL, Redis, RabbitMQ, Elasticsearch, AWS*

- Worked across a microservices-based influencer marketing platform enabling brands and agencies to discover influencers, manage campaigns, ingest content, and measure performance across Instagram, TikTok, and X (Twitter).
- Contributed to multiple backend microservices focusing on campaign tracking, analytics accuracy, and system reliability.
- Designed and fixed campaign- and influencer status-driven tracking logic, ensuring active trackings were preserved during lifecycle transitions and analytics remained consistent across systems.
- Implemented Instagram Stories ingestion via Phyllo in a dedicated NestJS microservice, normalizing story media and metrics (reach, impressions) to replace brittle scrapers with a more reliable integration.
- Improved social data ingestion and collection tracking using CRON-based workflows and backfill logic, ensuring historical data was incorporated into reach and engagement graphs without double-counting.
- Enhanced a GraphQL-based reporting service for analytics and payouts, adding schema fields, improving deliverable traceability, and integrating Prometheus metrics for observability.
- Strengthened reliability and rollout safety using feature flags, safer defaults, tuned CRON schedules, and unit/integration testing, while resolving production issues related to data integrity.
- Contributed to frontend and admin experiences (Angular + legacy web) by aligning UI behavior with backend rules, adding warnings for risky operations, and ensuring marketer-visible metrics matched backend calculations.

Real-Time Chat Application (Internal / POC) | *NestJS, JavaScript/TypeScript, Angular, PostgreSQL, Socket.IO, TypeORM, JWT*

- Designed and developed a full-stack real-time chat application using NestJS and Angular, enabling authenticated users to communicate via WebSockets with low-latency message delivery.
- Implemented JWT-based authentication for REST APIs and Socket.IO connections, supporting secure room access, message publishing, and read/delivery status tracking.
- Designed a relational PostgreSQL schema (users, rooms, memberships, messages, message_status) using TypeORM with migrations and seed scripts for production-ready database management.
- Built a Socket.IO gateway to manage room join/leave events, real-time messaging, typing indicators, online presence, and message state synchronization.
- Applied clean architecture and domain-driven structuring, separating authentication, room management, messaging, and real-time gateways into independent modules.
- Added production-readiness features including rate limiting, health checks, structured logging, and automated tests to improve system robustness.
- Designed the system with horizontal scalability in mind, enabling stateless REST services and scalable WebSocket gateways with clear paths for shared adapters (e.g., Redis).
- Developed a responsive Angular SPA integrating REST APIs and WebSockets, handling authentication flows, room management, and live message streams.

Eternalight Infotech

Software Engineer

Feb. 2024 – Nov. 2024

Pune, IN (Remote)

FamO Money – FinTech Platform (Client: FamO) | *Node.js, NestJS, React.js, PostgreSQL, TypeORM*

- Contributed to the development of a FinTech platform that enables families to track investments across mutual funds, equities, bonds, real estate, gold, stocks, and private deals.
- Built backend features including family onboarding, deal digests, real-time discussions, messaging, and push notifications to support collaborative financial planning.
- Integrated real-time market data APIs to compute portfolio valuation, profit/loss, and actionable investment insights.
- Designed scalable database schemas and developed secure, high-performance APIs for financial operations.

Contract Note Parser (Client: FamO) | *Python, Flask, PostgreSQL, AWS Textract, OpenAI, LLMs*

- Designed and developed a document-processing service to parse broker contract notes and extract structured transaction data from PDFs.
- Implemented Python multi-threading and page chunking (processing PDFs in batches of 10 pages) to significantly improve throughput and reduce end-to-end processing time.
- Leveraged OCR and LLM-based extraction technologies to achieve more than 95% accuracy across varied document formats.
- Implemented validation workflows prior to database persistence, reducing manual data entry by more than 90% and improving operational efficiency.

SpringML Inc.

Cloud Engineer

Jul. 2022 – Nov. 2023

Hyderabad, IN (Remote)

Vehicle Crash Analytics Platform | *Node.js, Angular, Python, Flask, MySQL, Google Cloud*

- Built dynamic, filterable analytics tables with de-bounced search to enhance data exploration and usability.
- Implemented export-to-PDF functionality and delivered UI enhancements and bug fixes to improve reporting and user experience.

MGIC DocAI - Invoice Parser | *Angular, Python, Flask, Vertex AI, PostgreSQL*

- Designed and developed an AI-powered invoice parsing system to extract structured data from diverse invoice formats.
- Built a full-stack solution with an Angular front end and Flask backend, including pre-validation logic to ensure data quality before persistence.
- Streamlined document processing workflows, significantly reducing manual review efforts.

Cloud Infrastructure & Analytics

- Managed GCP IAM configurations to enforce least-privilege access and maintain security best practices.
- Built interactive dashboards using Looker and Looker Studio to deliver real-time insights to stakeholders.
- Supported scalability and performance optimization of cloud infrastructure across multiple projects.

Internships

iLink Digital

Software Engineer Consultant

Jan. 2022 – Mar. 2022

Pune, IN (Remote)

- Developed RESTful APIs using Python, Flask, and Django for a data-driven analytics platform.
- Built real-time dashboards using Grafana integrated with PostgreSQL and Elasticsearch.

Jivrus Technologies

Software Developer

May 2021 – Nov. 2021

Bangalore, IN (Remote)

- Developed a proctoring feature for online assessments, including camera tracking, screen monitoring, and secure media storage.
- Integrated Google Drive and Maps APIs to support scalable storage and geolocation features.

Education

National Institute of Technology (NIT), Andhra Pradesh

Bachelor of Technology (B.Tech) in Computer Science and Engineering

Aug. 2018 – Jun. 2022

Tadepalligudem, IN

Key Strengths

- Scalable backend and microservices architecture.
- Full-Stack delivery using MERN and MEAN.
- Cloud-native development on AWS and GCP.
- FinTech and AI-driven document processing systems.
- Strong ownership, reliability, and performance focus.