

# Rohitash Kator

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## Professional Summary

Results-driven Software Engineer with 3+ years of experience in full-stack development, specializing in backend systems, API design, and scalable architecture. Proven track record of delivering high-performance applications using modern technologies including Node.js, React, Python, and cloud platforms. Strong expertise in microservices architecture, database optimization, and system reliability improvements. Passionate about building secure, scalable solutions that drive business impact.

## Skills

Languages: *JavaScript, TypeScript, Python, Java, C++, Go*  
Backend: *Node.js, Express.js, NestJS, Flask, FastAPI, Django*  
Front-End: *React.js, Angular, HTML5/CSS3, Bootstrap, MUI*  
Databases: *MongoDB, MySQL, PostgreSQL*  
Cloud & DevOps: *AWS, Google Cloud Platform, Docker, CI/CD*

Tools & Platforms: *Git, GitHub, Jira, VS Code, Postman, DBeaver*  
Testing & Quality: *Jest, Unit & Testing, Code Coverage*  
Operating Systems: *Linux (Ubuntu), MacOS, Windows*  
Soft Skills: *Leadership, Teamwork, Reasoning & Problem Solving, Adaptability, Time Management*

## Education

**National Institute of Technology (NIT), Andhra Pradesh**  
*Bachelor of Technology in Computer Science and Engineering*  
**2018-2022**  
*Tadepalligudem, India*

**Key Projects:** Department Management System, Task-Manager, E-School Management, Hotel Management, Student Portal  
**Coursework:** *Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Design Patterns, Data Science, Artificial Intelligence*

## Experience

**Talentica Software**  
*Software Engineer*  
**11/2024 – Present**  
*Pune, India | Remote*

**Poll Management** | *Node.js, Express.js, React, Angular, JavaScript, TypeScript, MongoDB, REST APIs, Chart.js*

- Designed and developed a fully-featured polls management system supporting dynamic question creation, real-time voting, and role-based access.
- Implemented RESTful APIs using Node.js and Express.js, with seamless data flow between client and server.
- Build responsive front-end interfaces using both Angular and React.js, providing flexibility and comparative learning across frameworks.
- Integrated interactive data visualisations (Pie charts) for closed poll results, enhancing user engagement and insight delivery.
- Focused on Modular architecture, code re-usability, and scalable design to support future enhancements.

**Social Media Marketer (Client: Triller)** | *Node.js, Express.js, Nest.js, Grind.js, Angular, JavaScript, TypeScript, MySQL*

- Enhanced and maintained a comprehensive influencer marketing platform that enables brands to discover and collaborate with influencers based on regions, audience behavior, profession, gender, and interests across multiple microservices.
- Developed sophisticated engagement analytics and data processing systems that automatically calculate historical engagement metrics, estimate follower counts using historical data and engagement rates, and implement backfill logic to improve data completeness across Instagram, TikTok, YouTube, and X/Twitter platforms.
- Built Instagram Stories integration and tracking functionality including Phyllo API integration for fetching Instagram Stories via profile URLs, automated S3 storage for story content, comprehensive tracking session management, and campaign lifecycle controls across microservices.
- Established robust data collection and processing infrastructure including CRON-based automated collection tracking, AWS S3 integration for content storage, comprehensive error handling for data loading issues, and automated recalculation of historic engagement metrics for backfilled posts.
- Developed admin panel features and user management systems including role-based access controls, permission management for platform features, campaign status management with automated tracking controls, and comprehensive user onboarding workflows across multiple microservices.
- Implemented comprehensive testing and quality assurance including unit and integration test coverage across multiple microservices repositories using Jest and Cursor with highest coverage standards, automated PDF generation with image grids, and thorough debugging of production issues in distributed systems.
- Enhanced platform UI/UX and content management including multi-platform content display, manual content addition with metrics tracking, platform-specific logo rendering, comprehensive reach and engagement visualization dashboards, and content reversion functionality with microservices integration.
- Maintained and optimized system infrastructure including Node.js version updates, deployment branch corrections, feature flag implementation, API documentation, and API authentication error resolution across distributed systems.

**Bugs Fixed:**

- Fixed UI to ensure accurate display of all social media accounts linked to an influencer, including support for multiple accounts per platform, delivering a unified and complete profile view.
- Resolved UI issue to render the X (formerly Twitter) logo accurately, ensuring consistent branding across the platform.

## Eternalight Infotech

Software Engineer

02/2024 – 11/2024

Pune, India | Remote

### FamO Money - FinTech Platform (Client: FamO) | Node.js, NestJS, Express, TypeScript, React, PostgreSQL, TypeORM, Firebase

- Contributed to the development of FamO Money, a FinTech platform that helps families track and manage investments across multiple asset classes, including mutual funds, equities, bonds, real estate, gold, and private deals — all in one centralized dashboard.
- Built key backend features such as family on-boarding, deal digest, real-time messaging and discussions, and push notifications to enable seamless collaboration and financial planning among family members.
- Integrated live price tracking for stocks and mutual funds using third-party APIs, ensuring real-time portfolio visibility with 99.5% accuracy.
- Designed scalable database schemas and developed secure APIs for high-performance operations.

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

- Designed and developed a microservice to parse contract notes from multiple brokers (e.g., Zerodha, Paytm, Upstox, Groww), extracting structured transaction data from semi-structured PDFs.
- Utilized LLMs (ChatGPT, AWS Textract, Unstruct) achieving 98% accuracy in data extraction and classification across varying PDF formats.
- Built a temporary validation layer for reviewing extracted data before committing it to the production PostgreSQL database, reducing manual entry by 90% and improving operational efficiency
- Significantly reduced manual entry and reconciliation, improving accuracy and operational efficiency in financial reporting.

## SpringML Inc.

Cloud Engineer

07/2022 – 11/2023

Hyderabad, India | Remote

### Vehicle Crash Analytics | JavaScript, TypeScript, Angular, Angular Material, Bootstrap, Python, Flask, MySQL

- Built a dynamic, filterable table with debounced search functionality across all fields, improving data exploration and user experience.
- Implemented features for exporting crash analytics to PDF, and performed UI enhancements and bug fixes to optimize usability.
- Delivered actionable insights into crash trends, enabling better planning and safety analysis.

### MGIC DocAI - Invoice Parser | Angular, TypeScript, Python, Flask, Vertex AI, REST APIs, PostgreSQL

- Designed and developed an AI-powered invoice parser using Vertex AI, extracting structured data from diverse invoice formats.
- Built the full-stack solution: Angular front-end for interaction and preview, and Flask back-end to process, validate, and store extracted data in the database.
- Implemented pre-validation logic to ensure data quality before persistence, significantly reducing manual review efforts.
- Streamlined document processing workflows and improved accuracy across finance operations.

### Cloud Infrastructure & Analytics

- Managed GCP IAM configurations to optimize user/service account permissions and maintain security best practices.
- Built and deployed interactive dashboards in Looker and Looker Studio, providing real-time insights to stakeholders.
- Ensured scalability and performance optimization of cloud infrastructure and services across both projects.

## Internships

### iLink Digital

Software Engineer Consultant

01/2022 – 03/2022

Pune, India | Remote

### Beak - Analytics Platform | Python, Django, Flask, PostgreSQL, Elasticsearch, Grafana

- Contributed to data-driven analytics platform focused on monitoring and real-time dashboard visualization.
- Developed RESTful APIs using Python, Django, and Flask, enabling data ingestion and retrieval for analytical modules.
- Built interactive Grafana dashboards integrated with PostgreSQL and Elasticsearch, providing real-time insights and monitoring capabilities.
- Collaborated with cross-functional teams to ensure seamless integration between APIs and front-end data visualizations.

### Jivrus Technologies

Software Developer

05/2021 – 11/2021

Bangalore, India | Remote

### Form Presenter - Proctoring System | JavaScript, TypeScript, Node.js, Angular, HTML/CSS

- Developed comprehensive proctoring features for Google Forms-based quizzes including camera tracking, screen sharing detection, video recording, and random snapshots.
- Implemented audio & video monitoring and random snapshots ensuring test integrity and academic honesty.
- Integrated Google Drive API to securely store snapshots, audio & video recordings, and screen recordings, ensuring comprehensive proctoring documentation and future reference capabilities.
- Fixed time tracking bugs and added form submission warnings, improving exam flow and student awareness.

### Map My Sheets - Geolocation Platform | JavaScript, HTML/CSS, Google Apps Script, Google Maps API, Firebase

- Enhanced map visualization by fixing pin marker bugs for accurate geolocation mapping from coordinates, city names, and postal codes.
- Resolved formatting issues to accurately display date values, improving data clarity and consistency across regions.