

Rohitash Kator

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Summary

Skilled full-stack software engineer with over 2.5 years of experience, focused on backend development and passionate about building secure, scalable, optimized, and high-performance systems using modern cutting-edge technologies. Proven ability to design and implement robust APIs, optimize data models, and improve system reliability.

Education

National Institute of Technology (NIT), Andhra Pradesh

Bachelor of Technology in Computer Science and Engineering

2018-2022

Tadepalligudem, India

Projects: Department Management System, Task-Manager, E-School Management, Student Portal]

Courses: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Design Patterns, Data Science, Artificial Intelligence

Skills

Languages: JavaScript, TypeScript, Python, Java, C++, Go

Backend: Node.js, Express.js, Nest.js, Flask, Django,

Frontend: React.js, Angular, HTML, CSS, Bootstrap, Material UI

Databases: MongoDB, MySQL, PostgreSQL

Protocols: RestAPI, GraphQL

Collaboration: Git, GitHub, GitLab, Jira, BitBucket

Cloud: Google Cloud, Amazon Web Services

Tools: VS Code, Compass, Workbench, Dbeaver, Postman

OS: Ubuntu, MacOS, Windows

Soft Skills: Leadership, Teamwork, Analytical Reasoning, Problem Solving, Communication, Adaptability, Time Management

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

- Built and enhanced platform features enabling brands to discover and collaborate with influencers based on regions, audience behaviour, profession, gender and interests.
- Developed functionality to estimate historical engagement metrics and following count using historical data and engagement rates; implemented logic to backfill missed posts to improve data completeness.
- 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 (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 onboarding, 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 up-to-date portfolio visibility.
- 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) for high-accuracy data extraction and classification across varying formats.
- Built a temporary validation layer for reviewing extracted data before committing it to the production PostgreSQL database.
- Significantly reduced manual entry and reconciliation, improving accuracy and operational efficiency in financial reporting.

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.

Magic DocAI — Angular, TypeScript, Python, Flask, Vertex AI, REST APIs, PostgreSQL

- Designed and developed an AI-powered invoice parser using Vertex AI, capable of extracting structured data (e.g., buyer, seller, product info) 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.

Additional Contributions

- 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 stakeholders with real-time insights into operational and financial data.
- Ensured scalability and performance optimization of cloud infrastructure and services across both projects.

Internships

Beak — Python, Django, Flask, PostgreSQL, Elasticsearch, Grafana

- A data-driven platform focused on analytics and monitoring. Contributed to both back-end API development 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.

Form Presenter: Secure Online Exam Platform — JavaScript, TypeScript, Node.js, Angular, HTML/CSS

- Developed proctoring features for Google Forms-based quizzes, including camera tracking, screen sharing detection, microphone monitoring, video recording, and random snapshots to ensure test integrity.
- Fixed time tracking bugs and added form submission warnings when candidates left mandatory questions unanswered or had insufficient time remaining.
- Contributed to front-end behaviour and validation logic to improve exam flow and student awareness.

Map My Sheets: Location Mapping from Google Sheets — JavaScript, HTML/CSS, Google Apps Script, Google Maps API, Firebase

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