ROHITASH KATOR

📞 +91 9785787351 | ✉ rohitashkmwt@gmail.com | 💼 itsrkator | ⬡ itsrkator | 📍 Pune, India 411057

SUMMARY

I'm a Full Stack Developer with over two years of experience building secure, scalable, and user-friendly software and web applications using modern technologies like JavaScript/Typescript, Python, Node.js, Angular, React, and databases like MySQL, MongoDB, & PostgreSQL. I've worked on projects like automating stock contract note parsing and developing FamO, a platform for managing family funds. I'm excited to take on new challenges in a product-driven environment and contribute to building innovative solutions.

EDUCATION

National Institute of Technology, Andhra Pradesh — Tadepalligudem, IN
Bachelor of Technology in Computer Science and Engineering — *06/2018 – 09/2022*
- **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

EXPERIENCE

Software Engineer — 02/2024 – Present
Eternalight — *Pune, IN | Remote*
- **FamO Money**: Contributing to a fintech project named FamO, which is for families who own multiple companies and investments, facilitating the management of all kinds of funds, assets, and cash details in one place.
- **Contract Note Parser**: Developed a parser to extract and process contract details from broker-provided notes (e.g., Groww, Upstox), handling various types of transaction data.
- **Server-Side Solutions**: Designed and implemented robust server-side solutions, ensuring seamless client communication through complete authentication and authorization.
- **Feature and API Development**: Led development of features and APIs for functionalities like family onboarding, company uploads, discussions, real-time messaging, and push notifications. Focused on code quality, reliability, and security through thorough code reviews and testing.
- **Database Schema Design**: Worked on database schema design and management using JavaScript/TypeScript, Node.js/Nest.js, Express.js, and PostgreSQL with TypeORM.

Cloud Engineer — 07/2022 – 11/2023
Egen (formerly SpringML) — *Hyderabad, IN | Hybrid*
- **Vehicle Crash Analytics**: Contributed to platform for analyzing vehicle crash data, enabling insights on a daily, weekly, monthly, and annual basis using JavaScript/TypeScript, Node.js, Angular, MySQL, Python, and Flask.
- **MGIC DocAI**: Designed and implemented a system for automated invoice processing and data extraction, leveraging Python, Flask, Angular, Angular Material, and Vertex AI LLM for improved accuracy and processing speed.
- **Security Assessment Tools**: Created and deployed tools for managing user and service account permissions, focusing on auditing and removing inactive permissions to enhance security.
- **Cloud Infrastructure Optimization**: Optimized cloud deployments and infrastructure using Google Cloud Platform services like Cloud Run, App Engine, Compute Engine, BigQuery, and Cloud Storage for improved scalability and performance.
- **Data Visualization**: Developed interactive dashboards with Looker and Looker Studio to provide valuable data insights and facilitate informed decision-making.

INTERNSHIP

Consultant — 01/2022 – 03/2022
iLink Digital — *Pune, IN | Remote*
- Designed analytical and interactive Dashboards on Grafana using PostgreSQL and ElasticSearch.
- Contributed to full-stack development focusing on designing APIs using Python, Django, and Flask.

Software Developer — 05/2021 – 10/2021
Jivrus Technologies — *Bangalore, IN | Remote*
- Contributed to the development of various full-stack web applications including Form Presenter and Map My Sheets focusing on JavaScript, Angular, Angular Material, and Node.js.
- Designed interactive and fully responsive UI features, optimized the code into reusable components, and fixed bugs.

PROJECTS

FamO Money | *JavaScript, TypeScript, Node.js, Nest.js, PostgreSQL, AWS*   02/2024 – Present
- Worked on a comprehensive platform designed for families with diverse investments like stocks, mutual funds, real estate, bonds, and multiple businesses, to help them manage their finances and investments in one place.
- Developed server-side features including family onboarding, Deal Digest, messaging and discussions, livestock and mutual fund prices updates, real-time notifications, and investment categorization.
- Contributing to the Core Schema and API development for cross-functionality to deliver high-quality solutions within project timelines ensuring code quality, reliability, and security through code reviews, testing, and debugging.
- Developing server-side solutions and managing seamless communication with the client by complete authentication and authorisation.

Contract Note Parser | *Python, Flask, PostgreSQL, AWS, LLM*   08/2024 – Present
- Built an automated solution to extract and process key details such as broker, investor, trade, and transaction information from contract notes issued by brokers like Zerodha, Upstox, Groww, and Angel.
- Used large language models (LLMs) like ChatGPT, AWS Textract, and Unstruct to break down documents into manageable chunks for accurate data extraction.
- Implemented a temporary database to store extracted data, which was validated and processed before saving the final, verified results to the main PostgreSQL database.
- Focused on ensuring the system could handle multi-page contract notes by aggregating and validating data across pages.
- The result was a significant reduction in manual effort for contract note data entry and improved overall accuracy in financial record-keeping.

Vehicle Crash Analytics | *JavaScript/TypeScript, Node.js, Angular, MySQL, Flask, Python*   03/2023 – Present
- Developed the frontend using Angular and Angular Material to display data interactively and intuitively.
- Utilized Flask and Python on the back-end for data processing, with MySQL as the database to store and manage crash information.
- Enabled comprehensive crash data analysis for improved insights into crash patterns and trends.

MGIC DocAI | *Python, Flask, Angular, Angular Material, Vertex AI LLM*   08/2022 – 02/2023
- Developed an AI-powered system to analyze invoices and extract key information, including buyer details, seller details, and product purchase information.
- Implemented the frontend with Angular and Angular Material for a user-friendly interface, and used Python and Flask for backend processing.
- Integrated Vertex AI to handle invoice data extraction, validating and processing responses to ensure accuracy.
- Streamlined the extraction and validation of invoice data, improving efficiency and accuracy in processing invoices.

TECHNICAL SKILLS

Languages: JavaScript, Typescript, Python, Go (Beginner)
Frameworks: Angular, React.js, Node.js, Nest.js, Express.js, Flask, Material UI, Angular Material
Databases: SQL – MySQL, PostgreSQL, NoSQL – MongoDB
Developer Tools: Git, Google Cloud Platform, Visual Studio Code, MongoDB Compass, MySQL Workbench, DBeaver

SOFT SKILLS

Teamwork and Collaboration, Problem-Solving and Critical Thinking, Effective Communication, Adaptability and Flexibility, Time Management and Prioritization

LANGUAGES

English (Fluent)   **Hindi (Native)**