Jai Sipani

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EXPERIENCE

Software Engineer May 2022 – Present

Tekmonks Inc. Remote(Delhi)

- Designed and implemented a sophisticated monitoring dashboard, employing access logs to detect and mitigate cyber threats such as DDoS attacks and SQL injections on a high-traffic website.
- Utilized Elasticsearch to perform log analysis and extract actionable insights for clustered systems.
- Integral role in developing an in-house framework responsible for building WEB components, rendering charts using chartJS, seamlessly building rest APIs with support of making API authenticated with API-Key.
- Added features for DB and OS monitoring for distributed databases, such as Singlestore DBs and VMs, focusing on long-running queries, automated termination of protracted queries, identification of resource-intensive queries, and real-time tracking of CPU, RAM, DISK and DB utilization
- Optimized system performance and latency by expertly migrating from SQLite3 to MySQL, employing indexing strategies resulting in efficiency improved by 40%
- Successfully integrated monitoring capabilities for Kubernetes pods, enabling granular oversight of resource utilization and application health.
- Played a pivotal role in infrastructure maintenance and adopted DevOps methodologies, leveraging Docker for streamlined deployment and orchestration.

Software Engineer Sept. 2020 - April 2021

miniOrange Security Pvt. Ltd. Pune, India

- Developed three revenue-boosting features in the plugin, leading to a 20% increase in revenue. Leverage myexpertise to drive further growth and innovation.
- Implemented end-to-end OTP verification flow across critical user interactions, enhancing security and user experience.
- Implemented end-to-end OTP verification flow across various contact forms, including login, signup, checkout, and custom forms. Enhance user experience and security by incorporating OTP verification into critical user interactions.
- Mentored and onboarded new team members by providing clear explanations of the plugin's codebase, creating comprehensive documentation, and offering dedicated support. Strengthen the team's expertise and foster a collaborative environment through effective knowledge sharing.

PROJECTS

Let's Chat | *NodeJS, Firebase, React, Tailwind CSS* May 2023 – Present

- Developed a real-time chat application using React, TailwindCSS, Firebase, Node/Express, MongoDB, and Socket.io.
- Implemented user authentication with email and password using Firebase.
- Created API endpoints using Node/Express for managing chat room members and their messages.
- Integrated Socket.io for real-time communication, ensuring seamless and instant messaging experience.

Let's Ride | *Python, Flask, React, PostgreSQL, Docker* Jan 2023 – Present

- Developed backend REST APIs responsible for booking the package, delivering and optimising the distance time.
- Leveraged Postman and web sockets to ensure robust API testing and seamless real-time communication.

EDUCATION

MNIT Jaipur Jaipur, Rajasthan

*BTech in Computer Science(**CGPA: 8.5**)* Aug. 2016 – May 2020

TECHNICAL SKILLS

Languages: JavaScript, Python, C++, SQL (MySQL), JavaScript, HTML/CSS, Bash, Java
Frameworks: React, Node.js, Next JS, Django, WordPress, Bootstrap
Developer Tools: Elastic Search, Git, bitbucket, Docker, AWS, Kubernetes, VS Code, Postman, Linux, Digital Ocean
Libraries: pandas, NumPy, Matplotlib, jQuery, AJAX, chartJS