

PRASHANT JOSHI

Backend Developer

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<https://github.com/thelaughinglama>

SUMMARY

Highly skilled and experienced Backend Developer with over 4 years of experience, specializing in Node.js, dedicated to building robust and scalable applications.

EXPERIENCE

Technical Lead

Flexiele

📅 10/2024 - Present

- **Team Management:** Oversaw a team of **8 developers** focusing on multi-tenant system innovation.
- **Antivirus:** Implemented and deployed **Clam AV** and **Fastify** based standalone antivirus service scanning 5000+ files daily, improving system security and performance through strategic integration and continuous updates.
- **Public API Infrastructure:** Designed and implemented a robust infrastructure for public APIs, ensuring scalability, security, and seamless client integration.

Senior Backend Engineer

Flexiele

📅 10/2023 - 09/2024

- **Caching Implementation:** Implemented a **write-through caching** mechanism using Redis, reducing worst-case page load times from 4 seconds to 200ms, improving data save times, and significantly enhancing overall system speed and performance.
- **Data Visualization:** Implemented and deployed **Apache Superset** for advanced reporting and interactive data visualization, enhancing decision-making capabilities across teams.
- **Notification Management System:** Designed, architecture and implemented a high-performance Notification Management System (e-mail, SMS), capable of sending ~ 10,00,000 notifications per day.
- **WhatsApp Bot:** Created and integrated a feature-rich WhatsApp Bot with the backend system. The bot included features like employee onboarding, survey, applying/approving leave and attendance requests. It is responsible for 500+ onboarding monthly.
- **Face Authentication:** Developed and integrated facial authentication feature using AWS Face Recognition and Amplify.
- **AI Features:** Developed and integrated advanced AI functionalities, including **AWS Textract** for document validation, a **GPT-based resume parser**, and **Face Presence APIs** leveraging Hugging Face models to enhance system intelligence and user experience.

Backend Engineer

Flexiele

📅 03/2021 - 09/2023

- **Security:** Implemented a robust profanity filter and input sanitization to prevent XSS attacks and SQL injections, ensuring the security of the system.
- **Automated Client Creation:** Streamlined client onboarding by automating CNAME entry for subdomains, setting up client-specific domains, and initializing basic configuration data.
- **Google OAuth 2.0 Integration:** Implemented Google OAuth 2.0, enabling seamless and secure user authentication.
- **Release Migration System:** Developed an automated Release Migration System for new clients, simplifying the transfer of base master data from one server to another.
- **Push Notification Management:** Designed and implemented a Push Notification Management system for the mobile application.
- **Team Management:** Successfully managed a team of 3 developers, and released high quality deliverables.

Backend Developer Intern

BharatNXT

📅 06/2019 - 09/2019

- **Automated Cron Jobs:** Created and configured multiple Cron Jobs for automated processing of user sales data.
- **Rest APIs:** Created several REST APIs for user leaderboard calculations.

EDUCATION

B.Tech in Information Technology

GGSIPU at Delhi

📅 08/2017 - 08/2021

SKILLS

Javascript	Node.js	Redis	AWS
Docker	Git	MongoDB	MySQL
Rest API	SQL	Typescript	Express
React	Fastify	Swagger	AWS Lambda
Twilio	Apache Superset	React	
Multi-tenant Architecture	Docker	CI/CD	

PROJECTS

SMOL

<https://github.com/thelaughinglama/Smol>

Smol is an advanced URL shortener and tracking tool. It converts lengthy URLs into shareable, brief formats while recording the visit count, offering key insights into link popularity and campaign effectiveness.

Internshala Scrapper

<https://github.com/thelaughinglama/internshalaScrappingAPI/>

Internshala scraper that streamlines the process of finding domain-specific internships. It curates detailed info on internships including application links, tech stack requirements, and stipends, all displayed directly on the console.

Smart Scanner

<https://github.com/thelaughinglama/SmartScan>

Smart Scanner is an app that uses facial recognition to analyze images, tracks user activity, and assigns scores based on scans.

TIME DISTRIBUTION OF WORK

