

Jatin Goyal

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Education

Indian Institute of Technology, Delhi
BTech in Computer Science and Engineering

July 2018 – Apr 2022

Experience

Senior Software Engineer
Enphase Energy

Bangalore, IN
July 2024 – Present

- Designed and developed a Translation Management System to centrally manage internationalization (i18n) across our suite of microservices / microfrontends, and deliver translations to services dynamically. This eliminated dependency on code changes for text updates, and gave direct control to PMs to manage text in our applications.
- Enhanced search functionality for core Data entity by 95% by introducing a denormalized Elasticsearch index, effectively resolving data fragmentation across RDS and MongoDB. Employed Kafka and Logstash for seamless data synchronization with Elasticsearch to ensure real-time indexing.

Software Engineer
Enphase Energy

Bangalore, IN
July 2022 – June 2024

- Designed and implemented a DB abstraction layer to serve DB needs of applications across the org with predefined API interfaces, and exposing important events through message brokers (Kafka).
- Implemented a wrapper on Active Record ORM in Ruby on Rails to perform DB operations via API calls and added support for additional data types while ensuring that ORM specific features like callbacks, relations etc. continue to work with minimal syntax changes in application code.
- Delivered a Notification Digest feature to send customers summary emails for various events generated throughout a day based on user preferences for different events. Introduced data aggregation pipeline to prepare data from existing message queues (SQS) to serve users.

Open Source Contributions

Pay gem - Payments for Ruby on Rails apps

[github.com](#) 

- Enhanced subscription management API with a patch for greater business flexibility in payment handling and resolved a critical create customer API bug that prevented payment provider data population in the app's database.

Ruby on Rails - Web Framework for the Ruby Language

[github.com](#) 

- Updated default configs for greenfield rails apps created using the rails cli.

Personal Projects

Content Automation Platform

[ShortsKing.com](#) 

- Developed and launched a fully automated short video content creation platform requiring minimal user input (title, visual style, voice), **organically attracting over 500 real users**.
- Independently managed the complete lifecycle of the Ruby on Rails full-stack application, including design, development (frontend/backend), deployment, integrations, and marketing, leveraging open-source LLMs and ffmpeg for content generation and processing.

Technical Skills

Languages: Ruby, Python, Java, Javascript, C++, SQL, KQL, HTML, CSS

Frameworks/Tools: Ruby on Rails (RoR), FastAPI, Airflow, Kafka, Springboot, Docker, ELK Stack

Cloud AWS (S3, SQS, MSK, CloudWatch, CloudFront, ECR), Cloudflare (DNS, Workers AI, R2, CDN)