

# VIMAL JAISWAL

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## PROFESSIONAL SUMMARY

Experienced Software Developer with 2+ years in API development, system integration, and backend optimization. Problem solver, dedicated to continuous learning, and adept at delivering scalable solutions with a track record of project success.

## WORK EXPERIENCE

### Daffodil Software

Software Development Engineer

Gurgaon, India

January 2022 - Present

- Developed a **loan management system (LMS)** for a fintech company using **NestJS**, **MySQL**, and **event-driven architecture**. This system facilitated real-time updates throughout the loan cycle, significantly improving processing speed.
- Integrated **BullMQ** for efficient communication between microservices. This resulted in faster loan processing and a more scalable system overall.
- Integrated multiple **third-party adapters** for customer onboarding, document verification and risk profiles, streamlining the application process and reducing loan processing time by 70
- Implemented an **event-driven audit log** for loan applications. This comprehensive log captures all **critical actions** throughout the loan lifecycle, ensuring transparency and facilitating regulatory compliance.
- Leveraged **Docker** for seamless deployment, scaling of microservices, and consistent dev environments.
- Streamlined **eKYC verification** by integrating 3rd party eKYC partners like Khosla and Hyperverge in **NodeJS APIs**, achieving a 95% approval rate. This integration led to a 50% increase in customer acquisition.
- Built a highly scalable **NodeJS-based Enterprise Service Bus (ESB)** to manage 29 concurrent services (**pm2**). This ESB eliminated the need for SOAP/JSON message transformation, simplifying the architecture.
- Implemented **Hasura triggers** with **NodeJS APIs** and **Firebase Cloud Messaging (FCM)**. This combination allowed for targeted notifications to active users, leading to a 70% improvement in user engagement.
- Designed a scalable image and video processing pipeline using Cloud **Pub/Sub** for efficient message delivery and **NodeJS** for task execution with **cron-based scheduling**. This solution significantly optimized processing speed.

### HWS LLC

Frontend Engineer (Intern)

Remote

April 2021 - July 2021

- Crafted a smooth and intuitive user interface for HWSaver LLP's student quiz and Q&A platform, utilizing **React** and **Redux** to deliver a seamless user experience.
- Integrated **Material-UI components** to build a visually appealing and consistent design that supports responsive interactions for students and subject experts.

## SKILLS

Languages: TypeScript, JavaScript, HTML, CSS, Python, GoLang, Java  
Technologies: NestJS, Express, NodeJS, React, Hasura, Docker, AWS  
Databases: MongoDB, PostgreSQL, MySQL  
Tools & OS: Git, Windows, Linux

## PROJECTS

### Offline YouTube Music Syncer NodeJS, TypeScript, MongoDB, OAuth2.0, Docker

<https://github.com/vimaljais/ytm-loader-backend>

Developed an app designed to enhance the music listening experience for users in internet-limited environments. The application features Google authentication for user sign-up and seamless integration with YouTube Music to access and manage liked songs.

## EDUCATION

### Rungta College Of Engineering and Technology

Bachelor of Engineering Computer Science GPA: 9.10

Bhilai, India

August 2018 - June 2022

## HONORS

### Who hit the homerun today?

Recognized for exceptional commitment and adaptability in mastering new tools and technologies as required by client projects. Demonstrated the ability to rapidly upskill through research and development, effectively meeting and exceeding client expectations within stringent timelines. Acknowledged for being a reliable and conscientious contributor to the team's success.

Daffodil Software

January 24, 2023