

# HARSH CHOUHAN

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Address - Bangalore, Karnataka, India

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## PROFILE

Back End Developer with 3 years of IT experience, skilled in building scalable web applications using Ruby on Rails and NestJS. Proficient in back-end technologies including Ruby on Rails, NestJS, Node.js, and MongoDB. Focused on writing clean, maintainable code and delivering user-centric solutions within agile team environments.

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## SKILLS

**Programming Languages:** - Ruby, JavaScript, TypeScript, HTML, CSS.

**Frameworks & Libraries:** - Ruby on Rails, NestJS, Node.js, jQuery, Bootstrap, Active Admin.

**Databases:** - PostgreSQL, MongoDB, Redis (for caching and background jobs)

**Web Technologies:** - RESTful API Development, API Integration for Web and Mobile Applications.

**Tools & Platforms:** - VS Code, Sublime Text, Postman, Git, GitLab, Bitbucket, Heroku, Jira, Cursor, Windsurf.

## WORK EXPERIENCE

### Applaunch Bangalore Private Limited

12/2024 - Present

#### *Back-End Developer*

- Developed **RESTful APIs** using **Node.js (NestJS)** and **Ruby on Rails**, integrating **real-time chat** and **notifications** with **Socket.io** and **MongoDB**, and implemented **Firebase Authentication** with **push notifications**.
- Integrated **Stripe** for secure payment processing and subscription flows, including coupon-based trial extensions and **multi-language support (7 languages)**
- Developed **authentication** and profile modules supporting **OTP/email** workflows, multi-platform **token** based session management, and managed category/subcategory structures.
- Designed search and filter **APIs** using **MongoDB aggregation** within a modular **NestJS** architecture employing **DTOs** and **TypeScript, JestJs**.
- Implemented onboarding and profile step logic using Dependency Injection and modular design, integrated **Google Maps** for event locations, and handled **media uploads (images, videos, audio, documents, podcasts etc)** via **AWS S3** after migrating **database** from **PostgreSQL** to **MongoDB**.
- Wrote unit and integration tests, **optimized backend performance**, and managed deployments using **Docker**.

### Yuvasoft Solution Private Limited

07/2022 - 09/2024

#### *Back-End Developer*

- Developed scalable and maintainable applications using **Ruby on Rails** and **Node.js**, following modular architecture and **MVC** design principles.
- Implemented secure **authentication** using **Devise**, **role management** with **Rolify**, and **authorization policies** using **Pundit**
- Built and integrated **RESTful APIs** supporting core functionalities such as posts, likes, bookings, reviews, and **payment processing with Stripe**.
- Utilized **Sidekiq** and **Redis** for background job processing including asynchronous tasks, **real-time investment tracking**, and **notifications**.
- Handled media uploads via **Active Storage** and **AWS S3**, ensuring secure cloud-based **file storage**.
- Ensured code quality with **RSpec (ROR)** and **Jest (NestJS, NodeJS)**.
- Managed emails using **Action Mailer** and **NestJS Mailer** with **logs stored in MongoDB**, collaborated in Agile teams through **sprint planning** and **code reviews**, and implemented social media **authentication**, **push notifications**, and **CRM synchronization** using **JWT token-based** security.

## **Education**

**Bachelor of Technology (Computer Science)**

**2018 - 2022**

SAGE University, (Indore)

CGPA - 7.83

## **CERTIFICATIONS**

- C\C++ Programming Certificate.
- APLL Certificate Course: Comprehensive Training in Information Technology and Web Development.
- Certificate of internship Software Testing.