

MOHD RAHIL KHAN

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🌐 [/mohdrahilkhani4](https://mohdrahilkhani4.com) 🔄 [/supineboi](https://supineboi.com) 🌐 supineboi.github.io/mohdrahil-portfolio

PROFESSIONAL SUMMARY

Full Stack Engineer with 3+ years of experience architecting scalable SaaS systems and high-volume data workflows. Delivered production-grade third-party integrations across major marketing platforms and led seamless database migrations at scale. Strong focus on modular architecture, performance optimization, and secure authentication design.

SKILLS

Programming	JavaScript (ES6+), Python, PHP
Frontend	React.js, Next.js, Redux Toolkit, Ant Design, HTML5, CSS3, Tailwind CSS
Backend	Node.js, Django, Drupal
Databases & Caching	MongoDB, PostgreSQL, MySQL, MS SQL, Redis, Elasticsearch
Cloud & APIs	AWS (EC2, ECS, S3, DynamoDB, Lambda, SNS, CloudWatch), REST APIs

WORK EXPERIENCE

Associate Software Developer, Fragmatic

Delhi · Oct 2023 – Present

- Architected and scaled core backend systems by building a distributed batch processing pipeline to evaluate millions of profiles for segmentation. Led end-to-end migration from MongoDB (Mongoose) to DynamoDB (Dynamoose), introducing reusable utilities, custom ORM extensions, Redis caching, and multi-tenant scope isolation.
- Led full-cycle third-party integrations across Meta, Google, LinkedIn, HubSpot, Klaviyo, Mailchimp, Webflow, and Constant Contact, implementing OAuth 2.0 token lifecycle handling, campaign data ingestion pipelines, and securing marketplace approvals.
- Engineered a modular plugin architecture separating integrations and utilities, refactored legacy Redux to Redux Toolkit, and implemented secure token-based authentication in Next.js with 2FA and centralized email templating.
- Delivered platform tooling including admin dashboard (organization management, AWS cost monitoring, integration configs), large-scale profile generators for stress testing, Redis-backed caching strategies, and a multi-agent chatbot using Agno framework.

Associate Software Developer, OpenSense Labs

Bhopal · Jul 2023 – Oct 2023

- Built and customized Drupal websites using theming and custom modules to deliver responsive, accessible platforms.
- Developed background queue jobs for reliable large-scale CSV exports with scheduled and streamed processing.

Full Stack Engineer (Freelance)

Bhopal · Oct 2022 – Jul 2023

- Built and deployed a Django-based e-commerce platform for Green Diary Farm using MS SQL and secure PhonePe payment integration.
- Delivered an admin dashboard for invoicing, order tracking, inventory management, and reporting.

EDUCATION

B.Tech – Electronics and Communication Engineering

Jul 2019 – Jul 2023

University Institute of Technology, RGPV, Bhopal