

MANISH SHARMA

Bangalore, India

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SKILLS

Languages: Ruby, GoLang, Javascript, Typescript, Python, C++

Frameworks & Databases: RubyOnRails, Go Gin, React, WebRTC, Phaser, GORM, MySQL, Postgres, Redis

Tools & Services: Docker, Nginx, AWS (EC2, LightSail, RDS, Elastic Cache, SES, SQS, Route53, Lambda, ECR, CloudWatch Events, CI/CD, Kinesis), Chef, Datadog, Newrelic, Ghost, Sentry, Metabase, Storybook

Testing: Selenium, Capybara, Jest, Circle CI, Gitlab CI

EXPERIENCE

eLitmus Evaluation Pvt Ltd

Bangalore, India


*Consultant (Assessment company, **Meazure Learning**, as a Full-stack Developer)*

Jan 2024 – Present

- Integrated hotspot and drag-and-drop question for the assessment platform, reducing legacy system reliance.
- Led the **Ruby upgrade from 2.5.9 to 3.2.0**, created 50+ tickets and rolled out in 4 milestones.
- Delivered a POC for upgrading **Rails version from 3.2 to 4.2**, created 75+ JIRA tickets.
- Integrated the **AI-powered Vantage essay** scoring tool, unlocking automating essay scoring workflows.
- Implemented **PII data regionalization** for compliance with client requirements in the EU and Canada.
- Rails (3.2, 6.1), Ruby (2.7, 3), Docker, Kubernetes, AWS S3, Postgres 15, Storybook, React, NX Monorepo

Product Lead

Sept 2023 – Present

- Led the development of new product **SCALE **, an interactive brain-rewiring game platform using Phaser.js, React.js, Go (Gin), Postgres and Docker.
- Managed project timelines, coordinated with stakeholders, oversaw the hiring process and onboarding.

Senior Full-Stack Developer

Oct 2022 – Oct 2023

- Revamped and developed the Proctoring Platform using 100ms.live APIs, reducing the video drop rate to 0%.
- Designed and implemented SEO-optimized user public profiles, enhancing visibility & search engine rankings.
- Integrated Telegram for job postings, gift card updates, boosting job applications and gift card purchases.
- Implemented Docker development and deployed a Rails 7 app on AWS ECS, ECR, CodeBuild, and EC2.
- Hired and mentored a team of 6 Full-Stack Developers.
- WebRTC, AWS Kinesis, ECS, ECR, CodeBuild, Docker, Hiring, Rails 7.2, REST API Integration

Full-Stack Developer

Sept 2021 – Sept 2022

- Developed a Campus Portal, enhancing data accessibility for faculty; decreased reliance on campus teams.
- Contributed to a self-service assessment platform, reducing CS team dependency on assessment deliveries.
- Developed & Integrated APIs for client to access eLitmus users data.
- Rails 6.2, React.js, MySQL, Redis, REST API

Full-Stack Developer Intern

Dec 2020 – Aug 2021

- Migrated 2 million AWS S3 records from Paperclip to Active Storage, unblocked the upgrade to Ruby 3.
- Implemented backend for various user clubs within the Gift card system, enabling privilege benefits for user.

OPEN SOURCE / PROJECTS

RubyOnRails (Open Source)  | [Rails](#), [Ruby](#), [ActiveRecord](#), [ActiveSupport](#)

Dec 2023 – Present

- Notable Change: Fixed bugs in ActiveRecord and ActiveSupport framework.

Golang - Gin JWT (Open Source)  | [Go](#), [JWT](#), [Gin-Gonic](#)


Jul 2024

- Notable Change: Integrated option to Set Cookie using *GinJWTMiddleware.

Knights Watch Gem (Open Source)  | [Ruby](#), [Rails](#), [Redis](#), [Javascript](#), [WebRTC](#)

Oct 2022 – Dec 2022

- Integrated Video Proctoring client side application using 100ms.live service.

Hibernate Gem  | [Ruby](#), [AWS EC2](#), [CloudWatch](#), [EventBridge](#), [Lambda](#), [IAM](#)

Oct 2024 - Present

- Automates the start/stop of AWS EC2 instances based on CloudWatch Events using an AWS Lambda.

Docker Deployment  | [Docker](#), [AWS EC2](#), [LightSail](#), [Nginx](#), [Letsencrypt](#), [Postgres](#)

Oct 2024

- Boilerplate for deploying any docker application with PostgresSQL and nginx with Let's Encrypt.

Loadbalancer  | [Go](#), [Consistent Hashing](#)

Jan 2024 - May 2024

- LoadBalancer, built in Go, functionality for distributing loads across multiple servers using various strategies.

EDUCATION

UTU, Bipin Tripathi Kumaon Institute of Technology

2017 – 2021

B.Tech - Computer Science and Engineering - CGPA - 9.2

Dehradun, Uttarakhand