

Abdul Rashid Reshamwala

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Founding Engineer | Engineering Lead

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Engineer with 6+ years across infrastructure, full-stack products, and applied AI. Leads projects from prototype to production, including browser clouds, native and web SDKs, event-driven systems, and AI-agent evaluation.

EXPERIENCE

Reclaim Protocol (YC W21)

Nov 2023 - Present

Founding Engineer: Jan 2026 - Present | **Engineering Lead:** May 2024 - Present

Software Engineer: Nov 2023 - May 2024 | Remote

- Built [Popcorn](#), an open-source Kubernetes browser cloud designed for **10-100,000 pods**, with end-to-end encryption, hardware attestation, and a mobile live viewer. Within three months of launch, reached **529,739 browser sessions per month** with **643 ms median allocation**.
- Built an [autoresearch harness](#) to evaluate agents and fine-tune smaller models, cutting cost by **97%** and improving execution speed by **30%**.
- Led the [gnark migration](#) from WebView to native Go, reducing mobile proof generation from **40 seconds to 4-5 seconds**.
- Led the React Native-to-Flutter app migration and delivery of mobile and web SDKs and developer tools.
- Built Glassbreak for Slack-based cloud access and audit tracking, plus AI code review, log viewing, and triage and Snitch bots.

SaaS Labs

Mar 2023 - Nov 2023

Software Development Engineer 2

- Migrated legacy PHP monoliths to JavaScript microservices, modernizing backend systems for maintainability and scale.
- Replaced cron-based callback processing with an event-driven architecture, reducing latency by **more than 20x** and enabling **100x the legacy traffic capacity** through horizontal scaling.
- Introduced coding and refactoring guidelines across teams to improve consistency and maintainability.

Amazon India

Jul 2022 - Mar 2023

Software Developer

- Developed merchant registration for Amazon India, Amazon Pay, and Fresh, and a peer-to-merchant payment flow for Amazon Pay.
- Built responsive interfaces and a reusable frontend component library.
- Owned design, implementation, unit testing, and deployment through AWS Pipelines; managed cloud infrastructure, deployment automation, and CloudWatch monitoring.

Procedure

Mar 2022 - Jul 2022

SDE II | Mumbai

- Designed and deployed backend infrastructure for last-mile delivery, with real-time monitoring and analytics focused on high throughput and low latency.
- Built load-testing tools for traffic bursts and sustained load to evaluate throughput, latency, and system behavior under pressure.

EXPERIENCE, CONTINUED

Genius Consulting | Software Engineer

Dec 2020 - Mar 2022

- Designed, developed, and deployed an automated stock-trading system; built live-data scrapers and warehousing pipelines for stock evaluation and recommendations.

Metanoia Technologies | Software Engineer

Aug 2020 - Dec 2020

- Built mobile and web prototypes, evaluated technology choices, planned development roadmaps, and maintained cloud deployment infrastructure.

SELECTED PROJECTS

Playfield | Spatial computing playground

Building hand-controlled games that turn a wall into an interactive play space using an iPhone and a projector. Hand tracking and game logic run on the phone; projection brings the games into the room.

Tap Tap ML | No-code machine learning

Built a no-code platform to create datasets, train custom machine learning models, and deploy inference to serverless functions, with usage analytics and model metrics.

Sentilytics | Multimodal video analysis

Built with college friends for a competition. Combined video frames, audio, and transcripts for scene captioning, facial-emotion tracking, and sentiment analysis using Flask, React, TensorFlow, OpenCV, and FFmpeg.

OPEN-SOURCE CONTRIBUTIONS

- **TFLite Flutter:** Added GPU delegate support to accelerate inference and fixed an iOS memory leak.
- **caMicroscope:** Built dataset utilities, improved model visualization and UI, and fixed memory leaks.
- **TensorFlow.js:** Reported bugs, reviewed code, and improved demos and documentation.

TECHNICAL SKILLS

Languages: JavaScript, Python, Go, Dart, SQL

Infrastructure: Kubernetes, Docker, Terraform, AWS, Google Cloud

Backend & data: Node.js, Flask, PostgreSQL, MongoDB, Redis, RabbitMQ

Frontend & mobile: React, Next.js, React Native, Flutter

AI & ML: Agent evaluation, fine-tuning, TensorFlow, TFLite, OpenCV

EDUCATION

Rizvi College of Engineering

2017 - 2021

B.E. in Computer Engineering | CGPA: 7.9

Wilson College of Science

2015 - 2017

H.S.C., Maharashtra Board | 72.15%

St. Xavier's High School

2005 - 2015

S.S.C., Maharashtra Board | 84.00%