

AASHISH MALLICK

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Fullstack Engineer with 6+ years of experience delivering scalable platforms using ReactJS, Next.js, Django, GoLang, and AWS. Currently leading engineering at OML, architecting cloud-native microservices, enforcing GDPR compliance, and driving data-driven solutions for influencer marketing. Passionate about clean architecture, system design, and technical leadership.

EXPERIENCE

Only Much Louder | SDE-III | Bangalore

(April 2024 - Present)

- Led development of a high-scale creator analytics microservice for Hyp.io using Django, GoLang, PostgreSQL, and React, serving **100+ customers with insights across 280M+ social media creators**.
- Implemented Agency Contract Management and Plan features with **contract workflows**, credits-based billing, transaction history APIs, and client- and sales-facing UIs — streamlining operations and efficiently handling **1000+ activities** simultaneously.
- Led **GDPR compliance** for Hypothesis by implementing encryption, access controls, and privacy-first workflows on AWS, securing **1000+ user** records and passing **audits with zero violations**.
- Implemented ABAC for granular 10+ view/edit permissions based on roles and context, enhancing security and flexibility across the platform.
- Achieved **sub-second data retrieval latency** by integrating Meta Graph API with secure OAuth 2.0, powering **real-time insights** and **post-level analytics** for over **200K creators**.
- Launched the Listicles view featuring **120+ AI-curated influencer lists** across **10+ categories** and **10+ locations**, enhancing content discovery and **user engagement**.
- Architected and deployed scalable, production-grade cloud applications using AWS services like EC2, ECS, RDS, and Lambda — ensuring **99.99%** uptime, **sub-200ms** response times, and secure processing of millions of API requests each month.
- Led and mentored a 6-member engineering team, boosting **sprint velocity by 30%**, reducing review time, and delivering high-impact features with **zero critical issues**, while fostering a culture of clean code and ownership.

Only Much Louder | SDE-II | Bangalore

(March 2023 - March 2024)

- Engineered a responsive frontend for the Hypothesis platform using ReactJS and MUI, delivering **20+ dynamic business flows** to streamline campaign management and creator discovery.
- Built and deployed an **SEO-optimized Next.js app** serving 100+ daily users, integrating Strapi CMS with custom plugins for scalable content management.
- Designed and maintained a reusable MUI-based design system with **50+ custom components** for consistent and scalable UI across product and marketing site.

Byju's - The Learning App | SDE-II | Bangalore

(March 2022 - March 2023)

- Created an **automated PDF report generation system** for **10K student performance analytics** using **Handlebars.js** for templating and **Puppeteer** for rendering.
- Designed a **video feedback collection interface** that enables 10K users to **leave timestamped feedback** at specific moments within a video.
- Built the **frontend interface** for **tutor task management and scheduling**, enabling efficient 100+ assignment tracking and calendar-based planning.
- Engineered **CMS features** including **batch management**, **subjective test scheduling**, and **monthly assessment planning** to streamline 1000+ academic workflows.

10times Internet Pvt. Ltd. | SDE-I | Noida

(Jan 2019 - March 2022)

- Built a **real-time communication platform** supporting **1,000+ daily active users**, featuring **low-latency video conferencing** and **instant messaging** for smooth and reliable virtual collaboration.

- Handled a SaaS project which included CRM, 10+ third-party integrations, CMS generating **1,000+ organic leads** based on user interests and location. (Visit: <https://login.10times.com>).
- Built a modular, **server-side Email Templating Engine** to streamline the creation of **100+ marketing** and **35+ product engagement emails**, enabling dynamic content generation and improving maintainability across campaigns.
- Integrated and managed **Stripe** for oDASH and maintained **Razorpay** integration, enabling 100+ of secure, seamless online transactions monthly and **ensuring reliable payment processing** for both domestic and international users.
- Engineered a **real-time chat system** for **10times.com** using **Firebase**, seamless real-time communication for 100+ users across the platform.

Freelance | Ghaziabad

(June 2017 - Jan 2019)

- Created an AR application using Unity and Vuforia, enabling real-time interaction with **100+ 3D objects** to deliver immersive and engaging augmented reality experiences.
- Integrated WebGL to generate **complex 3D models and high-resolution meshes** comprising over a **million triangles**, enabling rich, interactive visual experiences directly in the browser.

PROGRAM & PROJECTS

School of Innovation India from Facebook at SV.CO

- Developed an immersive **VR experience** using **Unity** and **Meta Quest**, enabling users to **explore a virtual city** and **interact with 3D objects** in real time.

Document Tracker

Description: Built a **standalone JavaScript library** that enables users to **track and manage documents** for seamless integration across web applications.

Stack used: HTML5/CSS, Bootstrap 4, PHP, JavaScript (scripting language), MySQL, Socket.io

Echoes and Shadows

Description: Developed a **standalone RPG game** where players assume the role of an ancient island warrior, battling monsters to avenge the destruction of her village.

Stack used: Unity3D, Adobe Photoshop

EDUCATION

B.Tech | Computer Science & Engg.

(2015 - 2019)

Krishna Institute of Engineering & Technology | AKTU | Scored 75.6%

SKILLS

Languages: Python, JavaScript, TypeScript, GoLang, SQL, NoSQL, HTML5/CSS

Frameworks: Django, ReactJS, Redux, NextJS, Node/Express, ElasticSearch, Kafka, Strapi, Material UI, storybook

Databases: PostgreSQL, MongoDB, MySQL, Firebase

Cloud & DevOps: Docker, AWS (VPC, Amplify, ECS, EC2, RDS, Load Balancer, Lambda, Route 53, API Gateway, SQS, Cloudwatch)

Tools: Git, Github, Postman, Figma

Hands on experience: C++, PHP