MOHIT SHRIVASTAVA

Hands-on engineering leader

Building and scaling products and platforms

Kuala Lumpur, Malaysia | +60 18 355 3290 | mohit5783@gmail.com
Portfolio: iamohit.com | LinkedIn: www.linkedin.com/in/mohit5783

I combine **20+ years of software engineering** with technical and people leadership, staying close to code, users and production. My work spans national media, banking, insurance identity, airport operations, logistics and independent products. I connect business priorities to architecture, practical delivery and reliable operations, and help teams make better engineering decisions.

ENGINEERING RANGE

Modern web and APIs: React/Next.js, TypeScript and Node.js at FMT; React/TypeScript and real-time AWS interfaces at Changi Airport; production **NestJS/TypeScript and Vue.js** booking/payment integration for OPPA Travel.

Enterprise, CMS and data: C#/.NET, ASP.NET Core, identity and SQL systems at IRIS and Kerry; **PHP/MySQL** at VNS and FMT, with **WordPress/plugin engineering** at FMT. PostgreSQL/Supabase and MongoDB support independent and production web products.

Cloud and applied AI: hands-on **GCP** operations and release engineering; **AWS** application delivery and architecture at Accenture. Production **OpenAI** workflows, native mobile engineering and verification-led use of **Claude Code/Codex**.

RECENT EXPERIENCE

Free Malaysia Today | Kuala Lumpur

1 Nov 2023 - 17 Oct 2026

Head of IT: 18 Oct 2024 - 17 Oct 2026 | **Senior Developer:** 1 Nov 2023 - 17 Oct 2024

- Owned architecture, roadmap, technology budget, vendors and delivery for a platform serving **8.5M monthly active users**. Led a lean function with one operations coordinator, vendor engineers and group infrastructure colleagues.
- Reduced page-load time from **4.2 to 1.3 seconds**. Platform outcomes included **35 percent lower bounce** and **45 percent higher session engagement**; organic traffic share rose from **40 to 68 percent**.
- Cut cloud infrastructure spend by **more than 60 percent** while traffic kept growing, held for over a year.
- Built **React/Next.js, TypeScript and Node.js** applications with **Prisma/MongoDB**, alongside the separate **WordPress/PHP/MySQL** estate. Personally built the **Cloud Build/Docker/Cloud Run** release pipeline; used GKE, Cloudflare, Sentry and Cloud Logging in production operations.
- Built and validated a CMS-decoupled **GraphQL** gateway reading MySQL directly: about **700ms to under 10ms** measured reads. The gateway was not deployed to production.
- Set **Claude Code/Codex** standards and reviewed vendor/in-house output, helping turn slipping urgent work into on-time and often early delivery. Co-led newsroom CMS requirements and mobile/personalisation planning.

PROFESSIONAL EXPERIENCE

Accenture | Head of Technology

Kuala Lumpur | Sep 2021 - Jun 2023

- Led a **12-person cross-functional team** (about 20 with extended squad roles). Contributed to ADM effort estimates, staffing models, technical proposals and business cases, working directly with clients.
- **Changi Airport:** built Aircraft Flow 360 interfaces with **React/TypeScript**, **AWS Amplify/AppSync** subscriptions and Figma designs for real-time flight sequencing. Built MXP segmentation and targeted-message interfaces in an AWS/DynamoDB environment.
- **Krungthai Bank:** delivered **Angular** Paotang Pay webviews across iOS, Android and Huawei, connecting payment-channel journeys within the bank's application ecosystem.
- Authored **AWS-native microservices architecture** for identity, services, messaging, scaling and monitoring. Used Redux/Redux Saga across Accenture work; contributed within established Jenkins, GitHub Actions and GitLab CI pipelines.
- **BMW Malaysia:** client-facing technical leadership for a **Three.js** virtual driving experience. **NIKE:** technical delivery of WebAR footwear try-on using **8thWall**. Also delivered Telekom Malaysia's React/AWS eBrochure and Netflix's Malaysia Money Heist campaign.
- **Careerverse:** React/Babylon.js virtual career fair and microservices, delivered as a team project with **20 percent higher candidate participation**. Broader work included **AR/VR, Web3, smart contracts, NFTs and e-wallet integration**.

IRIS Corporation Berhad | Senior Engineer

Kuala Lumpur | May 2020 - Jun 2021

- Built and shipped **AIA's Blazor identity application** on **ASP.NET Core**, integrating MyKad capture, live-fingerprint verification, SQL Server and Active Directory access through **OpenID Connect/SSO**.
- Modernised separate AIA Web APIs with ASP.NET Core and Razor Pages; the revamped APIs were about **80 percent faster**. Built geoTIME workforce software with **Angular, .NET Web API, Entity Framework and SQL Server**.

Kerry Logistics | Senior Software Engineer

Penang | Jul 2019 - Feb 2020

- Re-architected warehouse workflows using **C#/.NET Core, WPF, WCF and SQL Server**, supporting **100 percent inventory accuracy** and **20x faster rework**.
- Worked directly with Hong Kong stakeholders on operational workflows and enterprise access, including SSO, connecting desktop journeys to backend services and data.

Custommedia | System Technologist

Kuala Lumpur | Apr 2012 - Apr 2019

- Built industrial **IoT middleware** with **.NET, WPF, WCF, Angular and MQTT**, connecting devices and enterprise systems through real-time triggers and actuation.
- Managed **3 to 4 R&D engineers** from 2013: hiring, work allocation, code review and mentoring. Solo-built Smart Training in **99 days** with **Node.js/Express**, Angular and .NET services; ran TDD with the team for about nine months and used Jest for testing.

INDEPENDENT PRODUCTS AND APPLIED AI

Tassenger | Founder and Engineer

2025 - Present

Task, messaging and team-coordination product across React web/admin consoles, native mobile apps and **PostgreSQL/Supabase** workflows.

- Built **React Native/Expo/TypeScript** with Redux Toolkit and Firebase, then rebuilt in **SwiftUI and Kotlin/Compose**. Public iOS and Android apps exist; newer native builds continue separately.
- Implemented **server-side tenant permissions, audits, idempotency and transactional-outbox delivery**, with APNs/FCM recovery. Verification includes **205 native tests and 64 SQL regression suites** for denied access and replay.

Mastroify | Founder and Engineer

2025 - Present

Built a **Next.js App Router/TypeScript** product with **Node.js APIs and production OpenAI integration**, publishing about **200 posts per day across 11 platforms**.

- Implemented model selection, Redis/KV caching, persisted retries, fallback and rate budgets; a separate editorial CMS supports submission, review, approval and publication.
- Built resumable **Python/TTS/ffmpeg** media automation with saved-stage recovery; a separate pipeline produced **499 bilingual videos in about six and a half weeks**.

SELECTED FREELANCE AND CLIENT WORK

OPPA Travel | Freelance, 2024: production **NestJS/TypeScript, Vue.js and MongoDB** booking platform, integrating suppliers, partners, affiliates, promotions and **eGHL payments**.

Sports Toto | IRIS client work: solo **ASP.NET/Entity Framework/Razor/SQL Server** cross-centre prize-claiming workflows with **AMLA compliance**, on hybrid infrastructure.

BenzMint | Independent: NFT minting portal with **Solidity, Hardhat/OpenZeppelin**, Next.js, Web3.js and Ethers.js.

EARLIER PROFESSIONAL EXPERIENCE

VNS Pvt Ltd | Web Developer | New Delhi | 2011 - 2012
Built Help PC Online's payments and Salesforce CRM integration with **PHP/MySQL/SOAP**; SEO work increased traffic by about **200 percent**.

GeoMapTech | Software Engineer | Gwalior | 2008 - 2010
Built university admission/results software, trained representatives of about **40 colleges**, and delivered GIS/civic systems with **VB6, SQL Server, ArcGIS and MapObjects**.

Apark Softwares | Software Engineer | Gwalior | 2006 - 2008
Built Edify school software, DinBhar broadcast graphics/playout and licensing automation with **VB6/SQL Server**, roles and backups.

EDUCATION

MCA, Sikkim Manipal University | **BIT**, Manipal Academy of Higher Education.

Certifications: ISTQB Foundation Level | IREB CPRE Foundation Level.

Languages: English (fluent) | Hindi (native).