MOHIT SHRIVASTAVA

+6018 3553 290 | mohit5783@gmail.com | Kuala Lumpur, Malaysia

GitHub: github.com/mohit5783 | Portfolio: iamohit.com

SENIOR FULL-STACK ENGINEER

Next.js Specialist | Performance Optimization Expert | 22M Readers, 183M Pageviews

PROFESSIONAL SUMMARY

Senior Full-Stack Engineer who built and scaled Free Malaysia Today to 22M annual readers serving 183M pageviews, reducing load times 70% (4.2s → 1.3s) and achieving 'Good' Core Web Vitals across all metrics. Led enterprise teams at Accenture for Fortune 100/500 clients worth billions, delivering mission-critical systems for Changi Airport and Krungthai Bank with 40% average performance improvements. Specialized in Next.js, React, Node.js, performance optimization, system architecture, and translating technical solutions into business outcomes. Proven track record managing vendors, solving production crises under pressure, and designing scalable infrastructure for millions of users.

CORE TECHNICAL SKILLS

Frontend & Frameworks:
*   Next.js 15, React, TypeScript, JavaScript, Tailwind CSS, shadcn/ui, Bootstrap, Redux

Backend & APIs:
*   Node.js, Express.js, Nest.js, GraphQL, REST APIs, Microservices, C#.NET Core

Databases & Storage:
*   MongoDB, MySQL, PostgreSQL, SQL Server, DynamoDB

Cloud & DevOps:
*   Google Cloud Platform (GCP), AWS, Docker, CI/CD, Cloud Run, Cloud Functions, Cloud Build

Infrastructure & Performance:
*   Cloudflare, WordPress (GKE), Nginx, Core Web Vitals Optimization, Caching Strategies

Specialized:

*   Three.js (3D/Immersive Experiences), Web3/Blockchain (Solidity, Ethereum, Smart Contracts), Ad Platform Integration (Google GAM, MGID), System Architecture & Design

PROFESSIONAL EXPERIENCE

FREE MALAYSIA TODAY (FMT) | Kuala Lumpur, Malaysia

Head of IT | November 2023 - Present

*   Built and scaled news platform to 22M annual readers serving 183M pageviews, increasing organic traffic from 40% to 68% through Next.js 15 migration, performance optimization, and SEO improvements
*   Reduced page load times 70% (4.2s → 1.3s) and achieved 'Good' Core Web Vitals across all metrics, decreasing bounce rate 35% and increasing session duration 45% for premium audience
*   Architected WordPress headless CMS on Kubernetes (1 writer + 4 reader cluster) with GCP Cloud Run, Cloud Functions, and Cloudflare CDN handling 55TB+ monthly bandwidth reliably
*   Led complete infrastructure modernization (Next.js 15, Cloud Build) handling 10K+ concurrent users during viral traffic spikes while solving production crises, database degradation issues
*   Managed vendor relationships, wrote SOWs, handled procurement, and streamlined IT operations to reduce downtimes and enable teams to focus on content creation
*   Integrated and optimized Google Ad Manager (GAM) and MGID ad platforms, implementing programmatic advertising strategies that increased ad revenue per user while maintaining optimal page performance and user experience

Technologies: Next.js 15, React, Node.js, TypeScript, WordPress, Kubernetes, Docker, GCP (Cloud Run, Cloud Functions, Cloud Build), Cloudflare, MongoDB, GraphQL, shadcn/ui, Tailwind CSS, Google Analytics, Sentry

ACCENTURE | Kuala Lumpur, Malaysia

Head of Technology | September 2021 - June 2023

- Led development teams for Fortune 100/500 clients including German automotive company (100B+ valuation) and insurance client (284B+ valuation), consistently delivering 40% average performance improvements across 30+ projects
- Built immersive 3D virtual experiences using Three.js and React for automotive client, creating interactive product showcases and visualization systems that significantly improved customer engagement and satisfaction
- Delivered mission-critical systems for Changi Airport (aviation) and Krungthai Bank (banking), ensuring 99.9% uptime for high-transaction environments serving millions.
- Improved insurance client backend performance 80% through architecture optimization and database query improvements, enabling faster policy processing and enhanced system scalability
- Developed Web3/Blockchain solutions including NFT platforms and E-Wallet integrations for enterprise clients, showcasing versatility across emerging technologies

Technologies: React, Angular, Three.js, Node.js, AWS (Amplify, AppSync, DynamoDB), Microservices, Web3.js, Solidity, Ethereum, Metamask, TypeScript, ant-design

IRIS CORPORATION BERHAD | Kuala Lumpur, Malaysia

Senior Engineer | May 2020 - June 2021

- Revamped Web APIs achieving 80% improvement in speed and scalability for 284-billion-dollar insurance client, modernizing user experience with ASP.Net Core 3.1, Razor Pages, and Bootstrap 4.6

Technologies: C# ASP.Net Core 3.1, Entity Framework Core 3.0, Razor Pages, Angular, React, SQL Server, Bootstrap, Active Directory

KERRY LOGISTICS (KLN) | Penang, Malaysia

Senior Software Engineer | July 2019 - February 2020

- Evaluated and reorganized complex performance issues with legacy warehouse management applications using C#.Net, WPF, and WCF, generating solutions 20 times faster

Technologies: C#.Net, WPF (XAML), WCF, SQL Server

CUSTOMMEDIA | Kuala Lumpur, Malaysia | System Technologist | 2012 - 2019

- Developed IoT Middleware platform enabling M2M interoperability through MQTT. Mentored teams, pioneered Angular adoption for frontend development and .Net Web APIs for backend.

Technologies: C# .Net, WPF, WCF, .Net Web API, Angular, MQTT, Xamarin

EARLIER ROLES | India | 2006 - 2012

- Web Developer, VNS Pvt Ltd (2011-2012): Integrated CRM, implemented payment gateways
- Software Engineer, Geomaptech (2008-2010): Developed GIS-based software for government.
- Software Engineer, Apark Softwares (2006-2008): Built platforms serving 200K monthly users

Technologies: PHP, Visual Basic 6.0, ArcGIS, SQL Server, MS Access

EDUCATION

Master of Computer Application (MCA) | Sikkim Manipal University | 2004 - 2006
Bachelor of Information Technology (BIT) | Manipal Academy of Higher Education | 2000 - 2003

LANGUAGES

English (Fluent), Hindi (Native)

CERTIFICATIONS & PROFESSIONAL RECOGNITION

- ISTQB Certified - Software Testing Foundation Level (2014)
- IREB Certified - Requirements Engineering Foundation Level (2017)
- StackOverflow: Top 3% globally (14K reputation)