Mohit Aggarwal

Full Stack Software Engineer · SDE-II

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Summary

Full Stack Software Engineer (SDE-II) with **6 years** of experience in end-to-end web development. Skilled in problem-solving, team collaboration, and leading projects with direct stakeholder communication. A quick learner who adapts well to new technologies, including AI, and enjoys solving real problems.

Technical Skills

Languages	JavaScript, TypeScript, C, C++, Python, Problem Solving (*6 stars on HackerRank*)
Frameworks/Libraries	Node.js, Express.js, React.js, React Native, Mongoose, Socket.IO, Jest, Cypress
Databases/Cache	MongoDB, PostgreSQL, MySQL, Redis Cache
DevOps/Tools	AWS, Docker, CI/CD, CDN, System Design, Microservices, Kubernetes, NewRelic, Grafana, GitHub
AI & Automation	n8n (AI Automation), Claude Code, GitHub Copilot, RAG (Retrieval-Augmented Generation)
Others	Stripe, Adyen (Payment Gateways), Cal.com (Self-hosted), Strapi, A/B Testing, CrUX APIs, Google Search Console, Mixpanel, Google SERP APIs, Twilio, Postman

Experience

Messina Madrid Global — Sept 2025 – Present
Senior Software Engineer | SDE-II — Remote, US

- Lead a team of **3 engineers** building a multi-portal platform from scratch (B2C website, admin, partner and client dashboards), and part of its system design and architecture.
- Integrated Stripe and Adyen payment gateways, Cal.com for call scheduling, and a CRM for lead management.

InsuranceDekho (CarDekho) — Aug 2022 – Aug 2024
Senior Software Engineer | SDE-II — Gurugram, Haryana

- Led a team of **4 engineers** and worked with product and business teams to plan features and track their impact, helping deliver projects on time with clear ownership.
- Built reusable CMS-based React components that allowed the marketing team to launch SEO pages independently, cutting turnaround time from **2–3 days** to under **4 hours**, helping grow organic traffic by ∼**25%**.
- Improved Core Web Vitals — moved LCP and FCP into the green zone for **80%+** of SEO pages, reducing bounce rate by ∼**15%** and boosting search rankings.
- Dockerized services, enabling **100% uptime** and reducing new developer setup time from hours to under **30 minutes**.

Daffodil Software Pvt. Ltd. — Jan 2020 – Aug 2022
Jr. Associate Software Engineer — Hisar, Haryana

- Migrated the system from Gremlin (graph database) to MongoDB, making the system easier to maintain and cutting average query time by ∼**40%**.
- Built A/B testing and a simple analytics dashboard to track user behavior, which helped the team test ideas faster and improved feature adoption by ∼**20%**.

Projects

MMG Immigration Platform (Multi-platform System)
A public website plus web apps (SaaS platforms) for admins, partners and clients.

- Built the website and the admin, partner and client dashboards with role-based access for **5 user roles**.
- Developed **60+ REST APIs**, using Redis for caching and PostgreSQL alongside MongoDB in some modules.

InsuranceDekho.com (Web Application)
InsuranceDekho is an online platform for comparing and purchasing insurance policies from top-rated insurance providers.

- Built and optimized APIs, reducing **95th percentile latency to under 100ms** and bringing some endpoints **under 50ms**.
- Refactored Webpack setup to split JS bundles, improving SEO page load time by **30–40%**.

FIMBRE (Mobile Application)
A social media app for sharing genuine product recommendations, helping users make informed buying decisions.

- Integrated services such as CleverTap, Twilio and Google SERP, and used AWS (EC2, S3, SQS) with microservices.

Education

U.I.E.T., Maharshi Dayanand University (M.D.U.), Rohtak — Aug 2016 – Jun 2020
B.Tech, Computer Science & Engineering | Cumulative GPA: 7.3

Awards & Recognition

- **Alchemist Award (2020–2021)** — for building backend solutions that improved performance and reliability.
- **R&R (2021)** — recognized for consistent contributions and delivering critical features on time.
- **ExtraMiles Award (Q3 2023)** — awarded at TownHall for going beyond assigned work and driving team success.