

Abhishek Singh

Technical Leader | Senior Software Engineer & MBA in Operations

Contact Information - 📞 +91-9621482434 | ✉️ abhishekthatguy@gmail.com |

🌐 www.abhishekthatguy.in



Summary

A strategic Senior Software Engineer and recent MBA graduate with over 7 years of experience architecting high-performance web applications, leading development teams, and driving operational excellence. Combines deep technical expertise in modern frameworks (Vue.js, React, Next.js) with a strong business acumen from an MBA in Production & Operations Management. Proven ability to integrate AI tools to enhance product features and automate workflows, driving efficiency and innovation. Seeking to apply this unique blend of technical and commercial expertise in a Technical Product Manager or Engineering Manager role.

Professional Experience

Senior Software Developer

🏢 **InsureXtech Pvt Ltd (Policy Advisor)** 📍 **Pune, India**
(Remote)

📅 Nov 2021 – Present

- Spearheaded a strategic migration of the core platform from Vue 2 to Vue 3, mentoring a team of developers and establishing a reusable component-based architecture that accelerated new feature development by an estimated 30%.
- Architected and executed a comprehensive performance optimization strategy, achieving a 90+ score on PageSpeed Insights and an 'A' grade on GTmetrix, which directly resulted in improved SEO rankings and a measurable increase in user engagement.
- Engineered and integrated an innovative AI-powered chatbot using the OpenAI API, creating a scalable solution to automate initial customer support queries and enhance user interaction.
- Optimized data management and application responsiveness by integrating GraphQL APIs via Strapi, Utilizing Rest API from Insurance providers API, creating a more efficient and scalable data layer for the frontend applications.
- Designed and developed an end-to-end Insurance Broker Solution, including an admin, super-admin, and user customer interface. Established CI/CD pipelines and comprehensive application monitoring.

Education

🎓 **Amity University** 📍 **Online**
📅 2023 – 2025

Master of Business Administration (MBA)
in Production & Operations Management

🎓 **MGKVP** 📍 **Varanasi**
📅 2013 – 2016

Bachelor of Arts in Political Science & English

Specialized Areas

System Design, Performance Optimization (Core Web Vitals), Reusable Component Architecture, Agile/Scrum Methodologies, Stakeholder Management

Core Skills & Expertise

Primary Skill

JavaScript, HTML, CSS, Python – Strong in modern UI development and responsive design

Frameworks, CMS & Libraries

MERN, Nextjs, React, Vue.js, Vuex, Redux, AngularJS (basic), WordPress, Strapi, Webflow – Built scalable SPAs and content-driven apps.

UI Libraries & Styling

Tailwind CSS, Bootstrap, Material UI, Ant Design, Bulma, Vuetify – Designed clean, consistent, mobile-friendly UIs.

Code Quality & DevOps Tools

ESLint, Prettier, Jenkins, Husky, Git, GitLab, GitHub CI/CD, Jira, LaunchDarkly – Ensured clean code, CI/CD, and agile delivery.


AI & Productivity Tools

OpenAI API, CursorAI, Claude – Used for chatbot dev

Professional Experience

Front-End Developer

 **Asap (Accenture Contractor)**  **Hyderabad, India (Remote)**

 Feb 2021 – Oct 2021

- Developed and delivered key modules for enterprise-level client projects (Accredo, Express Scripts) within a large-scale Agile environment, consistently meeting sprint goals.
 - Refactored legacy UI components and created custom React Hooks, improving code reusability and maintainability across the application.
 - Collaborated with a team of over 15 developers, participating in sprint planning, refinement, and demos with business and technology stakeholders to ensure alignment with project requirements.
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Web Developer

 **NKC Projects Pvt. LTD**  **Gurgaon, India**

 Dec 2017 – Jan 2021

- Collaborated directly with C-suite executives (CTO, COO) on strategic project planning, translating complex business requirements into technical specifications and deliverable roadmaps.
- Designed and built microservices for an enterprise automation suite (NYGGS), implementing new technologies like React and Redux from scratch for critical sub-modules.
- Managed the end-to-end deployment process for frontend projects on AWS, ensuring operational stability and successful production releases.
- Integrated a third-party tool (OpenTok) to build a secure virtual communication system, demonstrating the ability to work with and implement external APIs for core product features.

Cloud & Deployment Platforms

AWS, Vercel, Heroku, Render, GitHub Pages, Linode – Deployed scalable, production-ready web applications.

APIs & Integrations

REST APIs, GraphQL, Postman, JWT, Auth0 – Enabled secure, real-time communication between frontend and backend systems.

Database Familiar with

Mongo db, MySQL, PostgreSQL, SQL – Experienced with structured data management and integrations