



PRASHANT SINGH

Senior Frontend Engineer | Full-Stack | AI Automation | Agile

Email: prashantsinghmangat5@gmail.com

Phone: +91-9457182128 / 8360334018

Location: Meerut, India

Portfolio: <https://prashantsinghmangat.netlify.app>

LinkedIn: <https://linkedin.com/in/prashant-singh-mangat-03748314b>

GitHub: <https://github.com/prashantsinghmangat>

PROFESSIONAL SUMMARY

Senior Frontend Engineer with 5+ years of experience leading the architecture and delivery of scalable, enterprise-grade web applications. Expert in React, Next.js, Angular, and TypeScript with a strong focus on system design, micro frontend architecture, and performance optimization. Proven ability to mentor engineers, drive large-scale migrations, and accelerate team velocity through AI-powered automation tools.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, HTML5, CSS3

Frontend: React, Next.js, Angular, Redux, Zustand, NgRx, RxJS, Tailwind CSS, Webpack

Architecture: System Design, Frontend Architecture, Micro Frontend, Design Systems, Component Design, SSR, Design Patterns, Scalability

Backend: Node.js, REST APIs, Express.js, Firebase, JSON

Testing: Jest, Cypress, Unit Testing, E2E Testing, Test-Driven Development

DevOps: CI/CD, Git, Jenkins, GitHub Actions, Docker, Postman, Agile, Scrum

Performance: Performance Optimization, Lazy Loading, Code Splitting, Core Web Vitals, SEO

Mobile: Android, IONIC, React Native, Cordova

AI and Tools: AI Automation, Claude Code, OpenAI APIs, Figma, WordPress

WORK EXPERIENCE

Module Lead - Frontend, AI and Migration Specialist

Aug 2025 - Present

Taazaa Inc., Noida

Full-spectrum technology solutions company — AI, consulting, engineering and systems integration.

- Led system design and AngularJS to React enterprise migration with zero production disruption.
- Mentored engineers and defined component library and design system adopted across product teams.
- Owned end-to-end Angular modernization using TypeScript, SSR and performance optimization.
- Automated migration workflows via Claude Code and GPT, reducing engineering effort by 40%.
- Engineered AI-powered PR review pipeline enforcing code quality and design pattern compliance.

Tech Stack: React, Angular, TypeScript, System Design, Component Design, Frontend Architecture, AI Automation, SSR, CI/CD

Senior Frontend Developer

Apr 2024 - Aug 2025

Moglix - Moglix.com and Credlix.com, Noida

B2B e-commerce leader (HQ: Singapore, est. 2015) operating across India, USA, UK and Europe.

- Architected Credlix.com with React and Next.js — SEO improved 20%, page load speed 15%.
- Led end-to-end delivery of Tendershark.com with Angular SSR, driving 45% organic traffic growth.
- Revamped Moglix.com product pages delivering 30% UX improvement via Angular and TypeScript.
- Engineered reusable design system and component library for Shield Finance and DigiMRO.
- **Pratibha Award - Top Performance, Q2 Engineering Team**

Tech Stack: React, Next.js, Angular SSR, TypeScript, State Management, Performance Optimization, REST APIs, Scrum

Full-Stack Developer - Angular, Android, IONIC, React Native

Oct 2019 - Apr 2024

E-Health Research Center, IIIT Bangalore

Interdisciplinary research center delivering government-grade healthcare technology platforms.

- Architected Let's Talk Life (NIMHANS) in Angular 17 and Figma, improving accessibility by 40%.
- Built Tele-MANAS national government platform in Angular 16 scaling to 100,000+ concurrent users.
- Integrated ABHA card authentication into e-Manas (Karnataka Government) securing 10,000+ records.
- Contributed to MHMS, MOSIP and COVID-19 Mental Health using Angular, Node.js and Android.

Tech Stack: Angular 16/17, Figma, Android, IONIC, React Native, Node.js, REST APIs, Scalability

PERSONAL PROJECTS

Indexa MCP - AI Code Retrieval and Context Engine

TypeScript | MCP | Semantic Search | Node.js

URL: <https://github.com/prashantsinghmangat/Indexa>

Built Indexa MCP, an AI-powered code retrieval and context optimization server that improves LLM relevance and reduces noise in large codebases using semantic search, advanced filtering and dependency extraction. Designed for scalability across enterprise monorepos.

TraceBug - AI Bug Tracking Platform, SDK and Chrome Extension

TypeScript | React | Node.js | NPM | Chrome Extension API

URL: <https://tracebug.netlify.app> | npm: [tracebug-sdk](https://www.npmjs.com/package/tracebug-sdk)

End-to-end AI-powered debugging ecosystem: TraceBug AI web platform automatically captures and classifies bugs with root cause analysis; tracebug-sdk (published on NPM) provides production error monitoring and runtime diagnostics; TraceBug Chrome Extension delivers real-time browser-side bug detection integrated seamlessly with the SDK.

AI GitHub PR Reviewer

Next.js | GitHub Webhooks | OpenAI APIs

URL: <https://github.com/prashantsinghmangat>

Built AI-powered PR review automation using Next.js, GitHub Webhooks and OpenAI APIs. Automatically identifies logic bugs, security vulnerabilities and performance bottlenecks on every pull request, enforcing code quality at scale without manual review overhead.

MyEduSync.com - Online Education Platform

Angular | TypeScript | Netlify

URL: <https://myedu-demo.netlify.app>

Scalable online tutoring platform built with Angular and TypeScript, connecting students with tutors and professionals with job opportunities using a reusable component architecture.

EDUCATION

B.Tech. in Computer Science and Engineering

Lovely Professional University, Phagwara, Punjab

Aug 2016 - Aug 2020

CERTIFICATIONS

ReactJS and Angular

Udemy, 2024

Ethical Hacking

Lucideus, 2021

C++, HTML and CSS

SoloLearn, 2019

Ethical Hacking

TechDefence Labs, 2021

Digital Marketing

Internshala, 2020