

ARVIND M

Senior Full-Stack Engineer & Product Designer

India · Available for Remote & Hybrid Opportunities



PROFESSIONAL SUMMARY

Senior Full-Stack Engineer and Product Designer with 7+ years of experience designing, architecting, and scaling high-performance digital products from concept to production. Strong expertise across frontend (React, Next.js, TypeScript), backend systems (Node.js, Express, MongoDB, Supabase, Python), and UI/UX design in Figma. Daily practitioner of AI-augmented engineering, leveraging prompt engineering, agentic workflows (Claude Code, Antigravity), and LLM integration (Sarvam AI) to accelerate development velocity and ship robust, user-centric web applications with high business impact.

TECHNICAL SKILLS & CORE COMPETENCIES

Full-Stack & Backend:	Node.js · Express.js · Python · Supabase · MongoDB · PostgreSQL · REST APIs · GraphQL · Server Actions · Database Architecture
Frontend Architecture:	React.js · Next.js (App Router) · TypeScript · JavaScript (ES6+) · Tailwind CSS · HTML5 · CSS3 · Responsive Design · Framer Motion · State Management
AI & Engineering Productivity:	Prompt Engineering · LLM Integration (Sarvam AI, OpenAI, Claude, Gemini) · Claude Code · Google Antigravity · Agentic Dev Workflows · Automated AI Workflows · Context Engineering
UI/UX & Product Design:	Figma · Design Systems · Components · Auto Layout · Wireframing · Prototyping · User Flows · Usability Testing · Accessibility (WCAG)
DevOps, Growth & Tools:	Git · GitHub Actions · CI/CD · Vercel · Core Web Vitals · SEO · GA4 · Microsoft Clarity · Framer · Webflow

PROFESSIONAL WORK EXPERIENCE

FOUNDER & LEAD FULL-STACK PRODUCT ENGINEER | FrontendPrep.io 2026 – Present · Remote

- Founded and engineered an AI-powered interview prep platform end-to-end, combining product UX, backend architecture, auth, payments (Razorpay), and analytics.
- Integrated Sarvam AI APIs to deliver intelligent, context-aware coding hints, evaluation feedback, and conversational AI assistance for learners.
- Accelerated full-stack feature velocity by 50%+ using AI-native workflows (Claude Code, Antigravity, daily LLM prompt engineering) for rapid prototyping and testing.
- Architected full-stack services using Next.js, TypeScript, Node.js, and Supabase (PostgreSQL), with real-time user progress tracking and quiz engines.
- Built interactive in-browser coding challenges and evaluation environments for 150+ frontend and full-stack interview questions.
- Optimized rendering, edge caching, and assets, consistently achieving 98+ Lighthouse performance scores across core pages.

LEAD FULL-STACK ENGINEER & PRODUCT DESIGNER | YourAllyStack 2025 – Present · Remote

- Lead full-stack application development and interface architecture using Next.js, TypeScript, React, Node.js, Express, and Figma.
- Architected scalable backend APIs and database integrations (MongoDB, Supabase) alongside modular, reusable frontend component libraries.
- Employed AI-assisted workflows (Claude, ChatGPT, automated agent tooling) to streamline boilerplate development and accelerate feature delivery by ~40%.
- Collaborate closely with product stakeholders to translate complex requirements into intuitive, accessible, and high-performance digital interfaces.
- Contribute across UX strategy, interaction design, database design, full-stack implementation, and design-to-development handoffs.

SENIOR WEB ENGINEER & PRODUCT DESIGNER | iion.io

2022 – 2025 · Remote

- Developed high-volume advertising analytics dashboards and configuration interfaces using React, Next.js, TypeScript, and modern CSS.
- Designed complex dashboard workflows and data visualization experiences in Figma, simplifying multi-dimensional advertising metrics into actionable user interfaces.
- Collaborated on backend API contract integration and query optimization to reduce latency and eliminate redundant data-fetching overhead.
- Refactored legacy frontend components and improved rendering performance, reducing client bundle sizes by approximately 35%.
- Improved layout stability and frontend performance by addressing Cumulative Layout Shift (CLS) and inefficient rendering patterns.

FRONTEND ENGINEER & INTERACTION DESIGNER | Kraftshala

2019 – 2022 · India

- Developed responsive marketing websites, conversion-focused landing pages, course experiences, and interactive learning portals.
- Built reusable frontend components using JavaScript, HTML, CSS, and responsive design principles.
- Integrated Google Analytics, Meta Pixel, and heatmap tools to support conversion tracking, user behavior analysis, and CRO initiatives.
- Improved cross-browser consistency, responsive behavior, and accessibility across high-traffic web experiences.
- Collaborated with design and marketing teams to translate campaign requirements into production-ready digital experiences.

UI/UX DESIGNER & WEB DEVELOPER | Independent Studio Consultancy

2017 – 2019 · Remote

- Designed and developed responsive websites, brand identities, UI systems, and digital experiences for SaaS, e-commerce, and service-based businesses.
- Created wireframes, visual designs, prototypes, and production-ready interfaces using Figma, Webflow, Framer, HTML, CSS, and JavaScript.
- Delivered responsive websites with reusable components, interactive experiences, and high-fidelity design-to-development implementation.

FEATURED KEY PROJECTS & PRODUCTS SHIPPED

FrontendPrep.io (Full-Stack Product & AI Architecture) Stack: Next.js, TypeScript, Supabase, Node.js, Sarvam AI, Tailwind CSS, Razorpay

Full-stack AI-enhanced interview preparation platform designed and built from scratch—featuring in-browser coding environments, AI feedback, auth, and monetization.

- Integrated Sarvam AI for context-aware code hints and automated question evaluation workflows.
- Built interactive browser-based execution challenges and real-time candidate progress dashboards.

Keyloom (Product Design & Frontend Development)

Stack: Next.js, React, JavaScript, CSS

Designed and developed a minimalist touch-typing platform focused on distraction-free interaction and real-time performance feedback.

- Implemented client-side typing logic, cursor tracking, WPM calculation, accuracy metrics, and responsive UI with minimal frontend overhead.

DailyCalc.in (Product Architecture & SEO Engineering)

Stack: Next.js, React, TypeScript, Tailwind CSS

Built a collection of financial and productivity calculators with reusable calculation components and responsive interfaces.

- Implemented statically generated SEO pages and reusable templates for scalable content expansion.

Shree Radhe Jewellers (Brand Identity & E-commerce UX) Stack: Figma, Design Systems, Next.js, Tailwind CSS

Designed the brand identity and digital experience for an established Indian jewellery business.

- Created product discovery flows, live gold-rate interfaces, bridal lookbooks, and appointment-focused conversion journeys.

EDUCATION

Diploma

NEW DELHI YMCA

2014 – 2016