

Kartiekey Bhardwaj

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Summary

Software Engineer with 3+ years of experience building production-grade full-stack web, mobile, and AI-powered applications. Experienced in designing scalable SaaS platforms, fintech dashboards, e-commerce systems, and cloud-native architectures using React, Next.js, Node.js, TypeScript, Python, MongoDB, PostgreSQL, and Supabase. Passionate about system design, performance optimization, and shipping products from concept to production.

Technical Skills

- **Languages:** Java, Python, TypeScript, JavaScript, SQL
- **Frontend:** React.js, Next.js, React Native (Expo), Redux, Zustand, Tailwind CSS, HTML5, CSS3, Framer Motion
- **Backend:** Node.js, Express.js, REST APIs, GraphQL, WebSockets, Authentication, Payment Integration
- **Databases:** MongoDB, PostgreSQL, Supabase, Firebase, Redis
- **AI / LLM:** OpenAI API, LangChain, RAG, Prompt Engineering, AI Agents
- **Cloud / DevOps:** AWS, Docker, GitHub Actions, CI/CD, Vercel, Linux
- **Tools:** Git, Postman, WorkOS, Clerk, Razorpay, Resend, Figma, Vite
- **Concepts:** System Design, Distributed Systems, Performance Optimization, Microservices, Scalable Architecture

Professional Experience

Karvix Solutions Pvt Ltd	<i>Jun 2025 – Present</i>
<i>Software Engineer</i>	Remote

- Engineered scalable full-stack applications powering management and trading platforms for international clients.
- Designed and optimized REST APIs and frontend architecture using React.js, Node.js, MongoDB.
- Improved system performance and deployment speed using Docker and AWS.

MLTech (mltech.ai)	<i>[Month Year] – [Month Year]</i>
<i>Frontend Engineer</i>	Remote

- Built analytics dashboards and frontend systems for an AI platform serving 500+ organizations.
- Wrote Python scripts to process and validate backend data pipelines feeding the analytics dashboards.
- Developed reusable component libraries improving UI consistency and development velocity.
- Optimized rendering performance and state management, improving application responsiveness.

Sanskritiyam	<i>[Month Year] – [Month Year]</i>
<i>Full Stack Developer</i>	Remote

- Developed a scalable booking platform processing 150+ daily puja reservations, with WhatsApp notification flows via the Riwhap API.
- Built administrative dashboards and automated sequential booking confirmation + PDF invoice workflows.
- Implemented backend services and APIs using Node.js, Express, MongoDB.

Products Built

Cocnlava.ai – AI Portfolio Intelligence Platform conclava.ai *Next.js, TypeScript, Supabase, PostgreSQL, Redis*

YungDrip – Fashion E-Commerce Platform yungdrip.in *Next.js, MongoDB, Razorpay, Tailwind CSS*

- Built a production-ready full-stack e-commerce platform featuring authentication, shopping cart, check-out, order tracking, and account management.
- Integrated Razorpay payment gateway with webhook verification and secure payment validation.
- Developed a complete admin dashboard for product management, inventory control, and order processing.
- Implemented security best practices including rate limiting, role-based authorization, secure sessions, and protected API routes.

Creatory (Creamind) – Creator & Brand Collaboration Platform [Link](#) *Next.js, Node.js, MongoDB, WorkOS*

- Built a creator-brand collaboration marketplace supporting 200+ creators and brands.
- Integrated Instagram Graph API for engagement analytics and campaign performance insights.
- Designed scalable authentication and backend infrastructure.

GST Billing & Inventory Management App

Expo, Clerk, Supabase

- Built a GST-compliant billing app with an integrated inventory management module for small business use.
- Implemented authentication, invoicing, and stock-tracking workflows on a mobile-first architecture.

Sahay – Developer Mentorship Platform

sahay.dev *React, Node.js, MongoDB, Firebase*

- Built a mentorship platform enabling developers to ask and resolve technical doubts.
- Implemented gamification: quizzes, hackathons, leaderboards, and reputation rewards.

Tableat – QR Restaurant Ordering System

React, Node.js, Express, MongoDB

- Developed a QR-based restaurant ordering system adopted by 20+ restaurants.
- Implemented real-time order tracking and digital menu management.

Python & Java Experience

- **Python:** Wrote data analysis and automation scripts using **pandas** and **NumPy** for backend data validation and reporting workflows at MLTech; ongoing self-driven work in data science fundamentals (data cleaning, exploratory analysis, visualization).
- **Java:** Strong foundation in Data Structures & Algorithms and object-oriented design, built through consistent problem-solving practice (arrays, trees, graphs, dynamic programming) as part of interview and CS-fundamentals preparation.

Leadership & Achievements

- Coordinator for TEDx AKGEC 2025 – led speaker onboarding, marketing, and event operations.
- Managerial role in IDEA Lab – organized Startup Conclave with 100+ participating teams.
- Finalist, Smart India Hackathon 2023 and IIT Jodhpur Prometeo Hackathon; conducted a frontend workshop for 100+ students.

Education

Ajay Kumar Garg Engineering College, Ghaziabad

2022 – 2026

Bachelor of Technology – Computer Science and Information Technology

GPA: 8.0