

Kartik Singh

Software Developer

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[Portfolio](#) - [LinkedIn](#) - [GitHub](#) - [LeetCode](#)

Education

B.Tech in Computer Science and Information Technology - 2023–2027 (Expected)

KIET Group of Institutions, Ghaziabad, Uttar Pradesh

- Relevant Coursework - Data Structures, Algorithms, Operating Systems, Database Management

Senior Secondary (12th Grade) - 81.5%

Public School Darbhanga

Secondary (10th Grade) - 89.8%

Darbhangha Public School

Skills

- **Languages & Frameworks** - JavaScript (ES6+), TypeScript, C++, C, React.js, Node.js, Express, HTML5, CSS3, Tailwind CSS, MERN Stack, Backend Node.js - Developed 10+ features enhancing UI by 20%
- **Tools & Platforms** - AWS (EC2, S3), Git, GitHub, MongoDB, RESTful APIs, Figma, Photoshop, Vite, jsPDF, html2canvas, Postman, VS Code, MongoDB Compass, Jira - Managed cloud deployment for 5+ projects
- **Methodologies** - Agile Development, CI/CD, Test-Driven Development, Scrum - Reduced deployment time by 15% with CI/CD
- **Domains & Libraries** - Problem-Solving, Team Collaboration, Communication, Adaptability, Cyber-security, Generative AI, Auth, Zod, API Development, Frontend Optimization

Projects

MedReport AI - AI-Powered Medical Report Analyzer - 2025 - Present

- Built HIPAA-compliant app with React 18, TypeScript, Supabase, Tesseract.js (OCR), Hugging Face BERT (NLP) for disease prediction
- Added dashboard with health score, risk assessment, PDF export, boosting engagement by 30% with 100+ users
- Secured data with encryption and row-level access - [GitHub](#)

Sunrise Healthcare Community Care Service - NDIS Web App - 2024 - Present

- Developed WCAG-compliant platform with React, Vite, Tailwind CSS for 500+ NDIS users, using ARIA roles
- Created validated contact form, reducing response time by 25% - [Live Site](#)

BharatBillGen - GST Invoice Generator - 2023 - Present

- Engineered PWA with React, TypeScript, jsPDF for GST invoices, serving 100+ visitors and 500+ events
- Optimized RESTful APIs, improving efficiency by 40% - [Live Site](#) - [GitHub](#)

SignatureDraw - Digital Signature Platform - 2023 - Present

- Designed no-login tool with React, Vite, offering themes and PDF/image exports, with 80+ visitors from 10 countries
- Boosted engagement by 15% with feedback integration - [Live Site](#)

TaskSher - AI-Powered MERN SaaS - 2023 - Present

- Built scalable task automation with MERN and OpenAI, ensuring 99.9% uptime via CI/CD
- - [GitHub](#)

EchoNova - AI Blockchain SaaS - 2023 - Present

- Led deepfake detection with XceptionNet, RawNet2, Polygon, improving accuracy by 25%
- Used Docker and MetaMask login - [Live Site](#)

SchoolTrack Bihar - A Public School Governance SaaS - 2023 - Present

- Developing React, FastAPI, PostgreSQL platform with AI and GPS, reducing overhead by 30%, inspired by Delhi model
- Deployed with CI/CD - [Live Site](#)

My Store App - Digital Product Store (Under Development) - 2023 - Present

- Built React-based storefront with Docker, increasing engagement by 20% with Figma UI/UX, adding backend and auth
- Under development, future features include admin dashboard - [Live Site](#) - [GitHub](#)

Experience

Member, DSDL KIET Ghaziabad - Oct 2024 - Present

- Developed RESTful web apps, improving delivery by 10%
- Used Docker for scalable data projects

Web Development Intern, InternPe Ghaziabad - Jun 2024 - Aug 2024

- Built React front-end, reducing load times by 15% with CI/CD
- Coded Node.js/Express back-end for API integration

Freelance Web Developer, Upwork Remote - Jan 2025 - Present

- Delivered 5+ full-stack projects with React, Node.js, AWS, earning 5-star ratings
- Designed responsive UIs from Figma with Agile

Certifications

- Palo Alto Certified Cybersecurity Fundamentals, Palo Alto Networks, Jul 2025, Credential ID: hl1g1FMAk - [View](#)
- GenAI Experience in UiPath Document Understanding, UiPath, Jun 2025 - [View](#)

Achievements

- Participated in SIH Hackathon, creating a farmer-client project
- Contributed to Innotech hackathon projects
- Led Athletics Team, boosting performance by 15% up to 2025