

Gaurav Pramod Singh

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TECHNICAL SKILLS

Languages:	JavaScript(ES6), Python, TypeScript, Java
Frontend:	React.js, Next.js, Redux Toolkit, Tailwind CSS, Vite, React Hook Form, Recharts
Backend & APIs:	Node.js, Express.js, NestJS, REST APIs, Prisma, Stripe API
Database:	MySQL, PostgreSQL, MongoDB, Redis
Cloud & DevOps:	Docker, Kubernetes (Minikube), AWS (EC2), CI/CD, Git, GitHub
Testing & API Tools:	Unit Testing, Integration Testing, Postman, Swagger
AI & Automation:	Prompt Engineering, LLM APIs

EXPERIENCE

Software Developer Intern, TechLuminix Remote, India	Jun 2024 – Sep 2024
<ul style="list-style-type: none">Led end-to-end development of a tournament management module (Scrum Master + IC).Programmed core logic for tournament creation, division setup, tee-sheet generation, and real-time scoring; performed regression testing and performance analysis to identify bottlenecks.Integrated Stripe APIs for payments, refunds, and connected-account payouts; implemented secure webhook handling and drove a 20% increase in registrations.Built dynamic multi-step dashboards using React, Redux, and React Hook Form with robust validation and responsive UX.Developed and optimized backend APIs using Node.js, Express, and MongoDB, including secure session-based logic for sensitive actions.Architected AWS EC2 deployment with Load Balancers and CloudWatch monitoring, ensuring 99.9% uptime for a high-traffic tournament module.	
Software Engineer, Mepro Tech Mumbai, India	Apr 2022 – Aug 2023
<ul style="list-style-type: none">Optimized backend service flows for a production platform, achieving a 30% reduction in API response time through MongoDB schema refactoring and query optimization.Built and shipped REST APIs using Next.js and MongoDB; documented and validated endpoints with Swagger and Postman.Refactored JavaScript and Python modules to eliminate recurring logic issues, reducing QA rework and improving release reliability.Documented module dependencies and system workflows for a 6+ person team, accelerating onboarding and cross-team collaboration.Streamlined CI/CD pipelines using Git/GitHub and LLM tools to accelerate debugging, documentation drafts, and test-case generation.	

PROJECTS

FormFlow React, NestJS, PostgreSQL	GitHub
<ul style="list-style-type: none">Engineered a full-stack form builder and response platform leveraging React + Vite + Tailwind (frontend) and NestJS + TypeScript + Prisma + PostgreSQL + Redis (backend).Architected core workflows: auth (JWT), form CRUD + reorder, publish + slug-based public form fetch, and public submissions storing structured responses and field-level answers.Orchestrated backend deployment using Kubernetes, deploying horizontal pod auto-scaling (HPA) and Redis-based rate limiting to ensure system resilience under high traffic loads.Documented APIs with Swagger/OpenAPI and validated endpoints with Postman (plus PowerShell API tests during development).	

Stock Market Tracker React, Redux, Node.js	GitHub
<ul style="list-style-type: none">Built and deployed a real-time stock dashboard using React, Redux Toolkit, Recharts, and the Alpha Vantage API.Implemented rate-limit handling with retry/fallback flows to keep quotes and charts loading reliably.Added portfolio tracking, watchlist, and a light/dark theme with clean global state management.Structured the codebase with scalable Redux slices and reusable UI components to support feature expansion.Deployed the application on Vercel using environment variables to ensure secure configuration management.	

EDUCATION

Oregon State University Corvallis, OR	Sep 2023 – Dec 2025
Master of Engineering, Computer Science	
Thakur College of Science and Commerce Mumbai, India	Jun 2019 – Mar 2022
Bachelor of Science, Computer Science	