Prateek Verma

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Education

Thapar Institute of Engineering and Technology 2022 – 2026
Bachelor of Engineering in Electronics and Instrumentation

Experience

Digital Inclined Hybrid
Founding Engineer *Jul 2026 – Present*

- Lead architecture and backend development of **TaskTap.ai**, a multi-tenant B2B SaaS platform deployed across **6 organizations**, supporting task management, workflows, approvals, meetings, chat, subscriptions, mobile applications.
- Designed and built **181+ REST APIs** using **Node.js, Express.js, PostgreSQL, Prisma, Redis, BullMQ, and Socket.io** for core workflows, background processing, automation, notifications, subscriptions, and real-time collaboration.
- Built production-grade event-driven infrastructure with **Redis, BullMQ, and Socket.io**, and developed React Native mobile applications with authentication, push notifications, and real-time synchronization.
- Developed a production **MCP observability server with 50+ read-only tools** for secure AI-assisted production debugging, log analysis, infrastructure monitoring, and incident investigation.
- Built a **human-in-the-loop incident investigation** that uses production evidence from a **read-only MCP server** and Claude Code to investigate incidents, analyze system behavior and propose remediation plans, with explicit approval gates, isolated Git worktrees, bounded automated testing, and controls preventing autonomous push, merge, or deployment.
- Integrated **Razorpay, WhatsApp Business API, and AppSumo** for payments, licensing, and notifications; managed production infrastructure with **Docker, GitHub Actions, DigitalOcean, PostgreSQL, Redis, and Nginx**.

Digital Inclined Hybrid
Software Engineer Intern *Jan 2026 – Jun 2026*

- Designed and implemented scalable event-driven systems using **BullMQ**, Redis, and Socket.io for task reminders, notifications, background processing, workflow automation, and real-time collaboration.
- Built scalable event-driven infrastructure using **BullMQ**, Redis, and Socket.io for background jobs, notifications, workflow automation, task reminders, and real-time collaboration.
- Implemented enterprise authentication using **JWT**, refresh-token rotation, RBAC, and TOTP-based two-factor authentication for multi-tenant organizations.

Digital Inclined Hybrid
Backend Developer & DevOps Intern *Jun 2025 – Aug 2025*

- Developed a production-grade backend for a **Meta Ads CRM**, enabling one-click synchronization across **100+ client advertising accounts** through scalable Meta Graph API integrations.
- Automated PDF report generation using **PDFKit** and **Puppeteer**, reducing manual report generation effort by over **90%**.
- Implemented JWT authentication, WhatsApp OTP verification, Google Authenticator (TOTP), refresh-token rotation, and role-based access control, delivering secure authentication and enterprise-grade access management.
- Deployed and managed production infrastructure on **GCP Compute Engine**, Cloud SQL (PostgreSQL), and Nginx with secure HTTPS configuration.

Projects

Spendly — Privacy-First Personal Finance Platform Apr 2026 – Present

- **Tech Stack:** React Native, TypeScript, Node.js, PostgreSQL, Prisma, Docker, Firebase
- Built a privacy-first personal finance platform that automatically tracks expenses through **on-device SMS parsing** without requiring bank account linking, enabling secure and automated expense tracking while maintaining user data privacy.
- Developed an intelligent transaction engine supporting **30+ Indian banks and UPI providers** with merchant learning, duplicate detection, confidence scoring, automatic categorization, and transaction normalization across different SMS formats.
- Published the application to **Google Play Internal Testing** with **20+ active testers**, collecting real-world feedback and continuously iterating on product features, reliability, and application stability.
- Implemented **offline-first synchronization**, Dockerized backend services, and Firebase Authentication, enabling reliable data access across intermittent network conditions while maintaining secure user authentication and synchronization.

Skills

Languages:	JavaScript, TypeScript
Backend & APIs:	Node.js, Express.js, REST APIs, Prisma ORM, JWT, RBAC, Socket.io
Frontend & Mobile:	React.js, Next.js, React Native, Tailwind CSS
Databases:	PostgreSQL, MongoDB, Redis
Cloud & DevOps:	Docker, Docker Compose, GitHub Actions, CI/CD, DigitalOcean, Google Cloud Platform (GCP), Linux, Nginx
AI & Integrations:	Model Context Protocol (MCP), OAuth 2.1, Razorpay, WhatsApp Business API, OpenRouter
Tools:	Git, GitHub, Postman, BullMQ, Firebase, Puppeteer, PDFKit