

Pratham Kumar

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Education

- Currently pursuing Bachelor of Technology at Invertis University (2023-2027), with a current CGPA of 7.9.
- Completed Higher Secondary (10th) in 2020 with a score of 79.4% from Sanskriti Public School (Balha more Areraj).
- Completed Senior Secondary (12th) in 2022 with a score of 69.6% from S.N.S College Motihari.

Skills

- Programming : Python, JavaScript, html, TypeScript, Node.js, React.js.
- Web Development : FastAPI, REST APIs, React, WebSocket, JWT Authentication.
- Cybersecurity : PenTesting, Web Application Security, API Security Testing, Authentication & API Key Security, Vulnerability Assessment.
- Tools : Git, GitHub, VS Code.
- DevOps / Deployment /Cloud : Render, Vercel, Netlify, Railway, CI/CD Basics.
- Databases : MySQL, Firebase, Supabase.
- SoftSkills : Problem-Solving, Critical Thinking, Leadership, Team Collaboration, Adaptability, Work Ethic.

Experience

CodSoft | Virtual

Mar 2025 – Apr 2025

- Completed a 4-week virtual internship focused on real-world web development projects.
- Built responsive and user-friendly web pages using HTML, CSS, and JavaScript.
- Implemented responsive web design principles to ensure cross-device compatibility.
- Worked on frontend development with basic backend integration.
- Applied UI/UX best practices to improve website usability and design consistency.
- Assisted in website deployment and testing.
- Enhanced problem-solving, time management, and teamwork skills through project-based learning.
- Received positive remarks for performance and contributions.

AICTE – EduSkills India Edu Program

April 2025 – June 2025 | 10 Weeks

- Learned core Android development fundamentals, including app architecture and lifecycle concepts.
- Successfully completed a 10-week Android Developer Virtual Internship under the AICTE–EduSkills India Edu Program.
- Developed and tested Android applications as part of real-world, hands-on projects.
- Improved logical thinking, coding efficiency, and time management through guided tasks and assignments.
- Strengthened Java/Kotlin programming, debugging, and problem-solving skills.
- Gained exposure to industry-level practices, mentorship, and structured learning modules.

Projects

BilloraX – Billing & Inventory Management Platform (Individual Project) [URL](#)

Dec 2025 - Jan 2026

Technologies Used in Project

- Next.js 14, TypeScript, Tailwind CSS, Firebase (Auth, Firestore, Storage), Vercel
- Developed a full-stack, GST-compliant billing and inventory management platform for Indian MSMEs with real-time stock tracking and invoice generation.
- Implemented customer management, barcode-based billing, analytics dashboards, and online storefront with role-based authentication.
- Deployed a PWA-enabled, offline-capable application with WhatsApp integration to improve accessibility and user engagement.

PrivyChat – Zero-Trace Secure Messaging Platform (Team Work) [URL](#)

Oct 2025 – Dec 2025

Technologies Used in Project

- Node.js, Express.js, Socket.io, Web Crypto API, WebRTC, HTML5, CSS3, JavaScript
- Developed a real-time secure messaging platform with RAM-only architecture ensuring zero data persistence and enhanced privacy.
- Implemented end-to-end encryption (AES-GCM, RSA-OAEP) using Web Crypto API with a zero-knowledge server model.
- Built secure communication features including private rooms, encrypted file sharing, and WebRTC-based voice/video calling with advanced stealth modes.

Leadership & Awards

- SIH Internal Hackathon (HackBhoomi) — 4th Position | Team Lead Lead a diverse team to develop
- An innovative tech solution under competitive hackathon conditions.
- Coordinated end-to-end project workflow including ideation, task distribution and final presentation.

Certifications

Google Web Development (EduSkills & GDSC),
Cybersecurity Terminology, Cybersecurity Threat
Landscape, Generative AI Skills,
AI Productivity Hacks,
Copilot for Excel & PowerPoint, Generative AI for Online
Search, Cybersecurity (CC) program by ISC2,
Microsoft 365.