

PARTH SINGH

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EDUCATIONAL QUALIFICATION

B.Tech [CSE]

Maharana Pratap Engineering College

Sep 2021 - May 2025

CGPA - 7.22

Senior Secondary (XII) [CBSE]

Holy Angels Public School

Apr 2020 – May 2021

Percentage - 88%

EXPERIENCE / INTERNSHIP

AI Security Intern — Bytemasks (Remote)

March 2025 – Present

- Lead frontend development for Intercept platform using Next.js (Monitor dashboard)
- Designed and executed 15+ React components for real-time data visualization
- Developed REST APIs for SafeAI module to handle new feature integrations
- Collaborated with backend teams to develop **AI interception tools** for enterprise security.
- Optimized **UI/UX** for enterprise clients, ensuring a responsive and user-friendly interface.

PROJECTS

Intercept - AI Security Management Platform [Next.js]

- Built admin dashboard with D3.js visualizations
- Implemented JWT auth flow for 3 user roles
- Reduced render time by 40% via React memoization
- Solved 12+ frontend-backend integration challenges
- Developed 8+ API endpoints for new security features

AI CodeRev [Node.js, Express, React]

[Source-code](#) | [Live](#)

- AI-powered code review platform built with the MERN stack, actively used by **10+ developers**.
- Google Gemini 2.0 Flash API processes over **50+ code reviews** daily, used for real-time AI-driven code analysis.
- Syntax-highlighting editor applied with **React Simple Code Editor** and **Prism.js**.
- Provides structured code analysis with instant AI-powered insights.

Quick Shop [React, Tailwind, Vite]

[Source-code](#) | [Live](#)

- Built a multi-page e-commerce app using React, Vite, and Tailwind CSS with cart management.
- LocalStorage persistence, and smart debounced search.
- Added AI-style product recommendations and a complete checkout flow with simulated payment.
- Prepared the app for production deployment with Docker containerization planning.

TECHNICAL PROFICIENCY

Programming Languages: Java, JavaScript, Python

Frontend: HTML, CSS, Tailwind, Next.js, React (Hooks, Context API), Framer Motion.

Backend: Node.js, Express.js, RESTful APIs, Mongoose, FastAPI,

Tools / Platforms: Postman, Git/GitHub, VS Code, Docker, PGAdmin

Databases: MongoDB, PostgreSQL, SQLAlchemy

CERTIFICATIONS

Certificate Links: [\[Github link\]](#)

- Postman API Fundamental Student Expert (Testing, Scripting) by Postman.com.
- The Complete React.js Course by Udemy.
- Modern JavaScript for React ES6 2023.
- The Complete 2024 Web Development Bootcamp.

ACHIEVEMENTS

- 5-star Gold Badge in Java (HackerRank)
- AIR 66 in MPGI Tech-A-Thon (2023)
- Solved 75+ DSA problems (LeetCode)
- Built 5+ freelance projects with 100% client satisfaction