

Pranjal Mehra

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Builder who ships fast with AI as leverage — full-stack and ML products shipped solo, end-to-end, under real time pressure.

Education

VIT Bhopal University, BTech in Computer Science and Engineering

Sept 2023 – May 2027

- CGPA: 8.12/10.00

Experience

Web Developer Intern, Zidio Development – Remote

June 2025 – Aug 2025

- Delivered two full-stack MERN applications – a 3D/2D Excel analytics tool and a blogging platform – as measured by successful end-to-end deployment, by architecting the frontend and REST API layer
- Increased page load speed by 30% and user engagement by 25%, as measured by pre/post analytics, by optimizing API response handling and refactoring the UI rendering flow
- Maintained 99% uptime and streamlined release cycles, as measured by deployment frequency and stability on Netlify and Render, by setting up a CI/CD pipeline with GitHub Actions for automated build and deploy on push

AI Engineering Intern, Cosmic Attire – Remote

Dec 2025 – Feb 2026

- Built two production mobile applications (User and Admin) for NFC-based smart ring management and digital payments, as measured by successful end-to-end transaction flows, by implementing the mobile architecture in React Native with Supabase as the backend
- Secured payment and identity data across both apps, as measured by protection against unauthorized access and injection attacks, by implementing token-based authentication, encrypted data storage, and input validation on all user-facing endpoints
- Cut repetitive dev workload and sped up team velocity, as measured by reduced manual effort on boilerplate and review cycles, by using AI prompt engineering as a daily workflow tool to automate code review and code generation

Projects

Trackora – AI-Powered Career Operating System

Apr 2026 – June 2026

- Solo-built and shipped a full production platform end-to-end in under 3 months – auth, ATS scoring engine, testing, and deployment – with zero team, by architecting a Next.js 15 + TypeScript frontend and an Express + TypeScript backend with Prisma/PostgreSQL
- Delivered an ATS resume scoring engine and secured the platform's auth layer, by integrating AI-based resume parsing and implementing Google OAuth (Passport) with JWT-based sessions and Helmet/CORS hardening
- Ensured backend reliability through automated testing, as measured by test suite coverage across API routes, by writing unit and integration tests with Vitest and Supertest
- Tools Used: Next.js, React, TypeScript, Express.js, Prisma, PostgreSQL, Zod, Vitest, Supertest, Tailwind CSS

KrishiCredit – AI-Powered Digital Agri Lending Platform

Oct 2025 – Nov 2025

- Predicted agricultural credit risk with 85% accuracy, as measured by model validation results, by building an ML credit-scoring model using Agri-Stack and yield-based indicators with Random Forest
- Cut manual underwriting workload by 60%, as measured by reduction in manual review steps, by automating the end-to-end loan lifecycle process
- Increased stakeholder trust in model decisions by 40%, as measured by transparency feedback, by integrating Explainable AI (SHAP) into the scoring pipeline
- Tools Used: FastAPI, Python, Random Forest, Pandas, Scikit-learn, Streamlit

Achievements and Leadership

- Selected for the **Claude Impact Lab Hackathon** (Mahakumbh track) out of 20,000+ applicants; flown to Mumbai to build a missing-persons solution for large-scale gatherings – pivoted the architecture from hardware-heavy to software-first under real-time constraints
- Spearheaded outreach for Cyber Warriors Club, increasing visibility by 30% and boosting participation by 70+ students, achieving 200+ registrations
- Runner-Up, Technical Paper Presentation – Deepfake Technology

Certifications

- Agentic AI with LangChain & LangGraph – IBM
- Fundamentals of Building AI Agents – IBM

Technologies

Languages: Python, JavaScript, TypeScript

Frameworks & Databases: React.js, Next.js, Node.js, Express.js, PostgreSQL, MongoDB, Supabase

Tools: Git, GitHub Actions, AWS, Postman