Shaurya Sharma

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TECHNICAL SKILLS

Languages: JavaScript, SQL(Postgres), PHP, C/C++, Java
Frameworks: Nest.JS, Next.JS, Express.JS
Developer Tools: Firebase, MongoDB, Postman, Kameleoon, Github, MATLAB
Libraries: Pandas, NumPy, Scipy, Scikit-Learn, TensorFlow, PyTorch, OpenCV, Hugging Face, Matplotlib, React.JS, Three.Js, React 3 Fiber, GSAP, Framer, Barba, Auth.JS,

EXPERIENCE

Software Development Engineering Intern — May 2025 – July 2025
Paytm — *Delhi, India*

- Engineered and relaunched the **complete payment gateway** for Liberty (US-based in Puerto Rico), **driving a 7% increase in conversion rate** with a **96% confidence level**.
- Built forms and **encryption protocols** with TransUnion (US), **reducing data vulnerabilities by 5% and ensuring 97% compliance with industry security standards**.
- Developed a **cross-client HTML email template** for **M'ovil Panam´a** (Spanish market leader), resulting in a **3% improvement in A/B test scores**.
- **Link:**
  Appreciation Letter - https://tinyurl.com/Paytm-Appreciation-Letter,
  Paytm Internship Report - https://tinyurl.com/Internship-Report-Paytm

PROJECTS

ERP Portal | *Next.JS, Postgres, Prisma, Turborepo* — June 2025 – On Going

- Engineered a full-stack academic ERP platform **utilized by 35+ departments to manage 79+ KPIs** tied to QS & NIRF ranking metrics, **replacing manual spreadsheet workflows.**
- Designed **4 role-based portals** (QOAC, HOD, Faculty Coordinator, Faculty) enabling structured KPI assignment, data entry, and review, **improving KPI submission turnaround time by 60%**
- Crafted automated report generation module within the KPI system, **slashing report creation time from 4 hours to under 30 minutes**; enabled faster decision-making based on real-time data.
- **Link:** https://github.com/ERP-MUJ/ERP-SYS

$pendr - AI Optimized budget allocator | *Next.JS, Firebase, Gemini API* — June 2025 – July 2025

- Developed an AI-powered marketing budget allocator, $pendr, which automatically distributed budget across **12+ channels** and **increased allocation accuracy by 10% based on company data.**
- Reengineered a strategy planner enabling companies to **generate personalized marketing plans within 60 seconds**, and compare previous budgets to newly optimized recommendations.
- Implemented an ad simulation feature allowing users to **preview how ads appear across 10+ real app & platform mockups, reducing design iteration time by 30%.**
- Created an AI-powered tool to assess ad content against **7+ criteria** including copy quality and CTA strength, **resulting in a measurable 0.5% improvement in ad click-through rates**
- Link:
  Github - https://github.com/ShauryaaSharma/-pendr,
  Vercel - https://pendr-seven.vercel.app

EDUCATION

Manipal University — Rajasthan, India
Bachelor of Tech in Computer and Communication Engineering (Current GPA: 8.20/10) — *Sep 2023 – May 2027*

ACHIEVEMENTS & EXTRACURRICULAR

- Achieved 2nd Position in MUJ's Biggest Hackathon, Hacks - Link: **https://tinyurl.com/HACKS-2nd-Position**
- State Level Qualifier in the biggest hackathon of India, Smart India Hackathon.