

Aman Sharma

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EDUCATION

Lovely Professional University

B.Tech, Computer Science and Engineering

– Coursework: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, OOP

Aug 2023 – Present

Punjab, India

EXPERIENCE

Frontend Engineer

Dhoonki (E-commerce Startup)

- Refactored React + TypeScript monolithic codebase into reusable modular architecture reducing bundle size by 30%.
- Improved Core Web Vitals (LCP, CLS) through lazy loading, memoization, API caching, and asset compression; reduced load time by 35%.
- Engineered real-time order tracking integrating eKart REST APIs with exponential backoff retry strategy.
- Implemented centralized API abstraction layer with interceptors, structured error handling, and monitoring achieving 99.5% uptime.

Jul 2025 – Jan 2026

Remote

Full-Stack Developer

rowh.in

- Architected scalable Next.js + Node.js REST services with modular controller-service pattern.
- Designed MongoDB indexing strategies and optimized aggregation pipelines reducing response latency by 40%.
- Implemented JWT authentication, RBAC authorization, and input validation middleware for secure APIs.

Jan 2026 – Feb 2026

Remote

Technical Content Contributor

NamasteDev

- Authored 20+ React-based algorithmic challenges emphasizing time/space complexity and edge-case robustness.
- Developed automated validation suites using Jest with deterministic grading logic.

Jul 2025 – Dec 2025

Remote

PROJECTS

EventViewz – Production Event SaaS

Next.js, Node.js, MongoDB, JWT, Razorpay Webhooks, Cloudinary, Docker

- Built multi-tenant full-stack event management platform with RBAC authentication and secure RESTful APIs.
- Integrated Razorpay payment gateway with webhook signature verification and automated reconciliation.
- Optimized CDN-based media delivery (Cloudinary) reducing image latency by 60% across 3000+ users.
- Containerized services and deployed via CI/CD pipelines ensuring production stability and zero-downtime releases.

<https://eventviewz.com>

tlwcss4 – Tailwind v4 CLI Tool

Node.js, CLI Architecture, NPM, Vite

- Engineered open-source CLI automating Tailwind + Vite setup using Node process APIs and programmatic scaffolding.
- Implemented semantic versioning and automated NPM publishing workflows (100+ installs in first week).

<https://www.npmjs.com/package/tlwcss4>

DocIt – AI-Powered Document Management Platform

Next.js, Node.js, MongoDB, OpenAI API, AWS S3, JWT, RBAC

- Built full-stack document intelligence platform enabling upload, semantic search, and AI-based summarization of PDFs.
- Implemented vector-based retrieval pipeline for contextual Q&A over documents using embeddings and similarity search.
- Designed secure file storage pipeline with AWS S3 pre-signed URLs and role-based access control (RBAC).
- Optimized document parsing and background processing reducing response latency by 45%.

<https://docit-app.vercel.app>

ACHIEVEMENTS

- Open Source Contributor – EduHaven (GirlScript Summer of Code 2025), contributed production features via structured PR reviews.
- Built and deployed multiple production-grade applications used by 3000+ users.
- Published NPM package adopted by developer community.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Java, Solidity

Frontend: React, Next.js (SSR/ISR), Tailwind CSS, Performance Optimization

Backend: Node.js, Express, REST APIs, JWT, Webhooks, RBAC

Databases: MongoDB (Indexing, Aggregation), PostgreSQL, MySQL

DevOps: Docker, CI/CD, GitHub Actions, Vercel