MOHIT KUMAR

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SUMMARY

Full-stack engineer (2.5 yrs) with proven experience building scalable, secure, and performance-focused web applications. Specialized in data visualization, system optimization, and end-to-end delivery for international clients. Skilled at translating requirements into production-ready solutions and trusted to lead client demos and technical discussions.

WORK EXPERIENCE

Software Engineer, PC Solutions Pvt. Ltd.   **New Delhi | Aug 2024 - Present**

- Delivered 2 client-facing apps and 1 internal tool end-to-end — from requirements and architecture to release.
- Built scalable, secure systems using React, Node/Express, SQL, Redis, Azure OpenAI.
- Designed admin-configurable engines & multilingual reporting — agricultural platform scaled to 6–8 states and 280+ crops, generating custom PDFs in seconds.
- Engineered an AI document pipeline for 200MB/400-page PDFs, cutting processing from weeks → ~8 mins and boosting accuracy by 60%.

Frontend Engineer, Exalens (Remote)   **Netherlands | Mar 2023 - Feb 2024**

- Built advanced data visualization modules for a real-time cybersecurity dashboard.
- Scaled event/time-series views to thousands of data points with virtualization, windowing, and aggregation.
- Developed reusable D3.js components (line/scatter/area) with brush zoom, millisecond resolution, and dynamic axes — adopted across product views.
- Maintained smooth UX under live-streamed data with incremental fetch, downsampling, and memoized re-renders.

Web Developer, Part-time & Freelance   **2021 - 2022**

- **Frontend Dev, Shree Jewellers** (**Mar–Apr '22**): Delivered responsive e-commerce UI (React, Styled Components, MUI) within 4 weeks.
- **Backend Dev, AG Consultant** (**Aug–Oct '21**): Built secure REST APIs (auth, user mgmt) with Node/Express; integrated with frontend for async data loads.
- **Full-Stack Apprentice, SRM University** (**Mar–May '21**): Developed full-stack system (MongoDB/Express backend + admin panel) and optimized SEO.

PROJECTS

- **Plug-n-Play** (Rust+WASM + D3.js) — In-browser data visualization tool; parses 100k+ rows instantly with no backend. Privacy-first, performance-focused. (Work in Progress, **live demo**)
- **Amazon UI Clone (React)** — Pixel-perfect recreation of Amazon's frontend, showcasing precision in complex UI/UX builds.

EDUCATION

Bachelor of Computer Applications   **Aug 2018 - Aug 2021**
SRM University - C.G.P.A - 8.27

ADDITIONAL INFORMATION

- **Frontend:** React, D3.js, DevExtreme, Tailwind
- **Backend:** Node.js, Express, SQL
- **Systems & Tools:** Rust+WASM (learning), Azure, Docker, Git, Vite, Postman
- **Core Strengths:** Data Visualization, Performance Optimization, End-to-End Delivery, Client Communication