Abhay Raj Singh

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Education

Manipal Institute of Technology, Manipal 2026 – 2028
Master of Computer Applications (MCA)

Babu Banarasi Das University, Lucknow 2023 – 2026
Bachelor of Computer Applications (BCA)

Projects

Quevaa | *TypeScript, Next.js, Supabase (PostgreSQL), Realtime, Tailwind CSS* Live | GitHub

- Built a real-time, QR-based hospital OPD queue platform: patients join from a phone browser with no app and track their live position and estimated wait.
- Used atomic PostgreSQL functions for duplicate-free token generation, Row-Level Security for access control, and WebSocket subscriptions to sync patient and staff screens instantly.
- Built a staff dashboard to call, skip, recall and pause queues and to prioritise emergency cases.

RecursiveQnA | *TypeScript, Next.js, React 19, SQLite / PostgreSQL, JWT* Live | GitHub

- Built an academic Q&A platform with nested discussion threads on both questions and answers, keeping peer review focused. Used and tested by friends.
- Added rich-text, diagram and video answers, verified-solution badges, instant subject search, deep-linking, JWT authentication and a moderation dashboard with analytics.

Placement Nexus 360 | *Python, Django, JavaScript, HTML5, Tailwind CSS*

- Engineered a web platform for end-to-end recruitment readiness with ATS resume analysis, skill-evaluation modules and mock-interview simulations.

Experience

Software Development Intern Jan 2026 – Apr 2026
Hindtech IT Solutions Lucknow, Uttar Pradesh

- Worked in the Software Development & Testing division, using Python and Django to build web applications and backend API workflows.
- Completed the assigned project, Placement Nexus 360, within the internship period.

Hackathons

- Two-time participant in the Smart India Hackathon, and participant in multiple college hackathons.

Technical Skills

Languages: TypeScript, JavaScript, Python, C++, SQL
Frameworks & Libraries: React, Next.js, Node.js, Django, Tailwind CSS
Databases & Tools: PostgreSQL, Supabase, SQLite, WebSockets, JWT, Git, GitHub, Linux, Vercel