AKASH SINGH

Bhopal,Madhya Pradesh

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EDUCATION

Vellore Institute Of Technology,Bhopal   **Expected May 2026**
*B.Tech - Computer Science and Engineering : **CGPA - 8.61***   *Bhopal, Madhya Pradesh*

Army Public School No-2, Jabalpur   **2020 - 2021**
*12th Class : **Percentage - 85.2 percent***   *Jabalpur, Madhya Pradesh*

PROJECTS

Book-My-Doc ⬈ | (MERN Stack, JWT Auth, Razorpay (Payment), Tailwind CSS) **February 2025-April 2025**

- Designed a role-based appointment scheduling system for 100+ users, enabling patients to book, reschedule, or cancel appointments by doctor specialty with 15+ real-time slots.
- Enhanced **JWT-based** authentication and role segregation (patients, doctors, admins), securing 75 percent of backend APIs and user operations.
- Built an **Admin Dashboard** to manage 15+ doctors, automating approvals and eliminating manual coordination steps by 70 percent .
- Integrated **Razorpay** for online payments, achieved an 85 percent transaction success rate, supported by 20+ robust REST APIs for authentication, booking, and admin features.

Nivodha ⬈ | (MERN Stack , JWT Auth, AWS,Bootstrap)   **June 2025- July 2025**

- Deployed a full-stack stock trading platform inspired by Zerodha, serving real-time stock data and enhancing the user experience for 95 simulated users.
- Automated capital gains reporting by integrating **a Tax and Profit or Loss Calculator**, reducing manual reporting time by 80 percent
- Engineered **Dark Mode** with 2 customizable UI themes, improved accessibility

UniQuery (Ongoing) ⬈ | (MERN Stack,Tailwind CSS)   **August 2025**

- Designed and deployed a secure complaint portal that handled over 200+ hostel complaints across 6 predefined categories.
- Enabled students to book time-specific maintenance visits, reducing unresolved complaints by 60 percent.
- Created an intuitive admin dashboard for real-time tracking and approval, improving issue resolution time by 30 percent.
- Achieved 100 percent issue tracking accuracy with validation checks and optimized complaint flow.

Technical Skills

- **Languages:** JAVA, JavaScript, SQL
- **Technologies/Frameworks:** HTML5, CSS3, React, MongoDB, Bootstrap, Node.js, Express *(Beginner)*
- **Developer Tools:** VS Code, Git/GitHub, Canva

CERTIFICATIONS

- **AWS Cloud Practitioner(Ongoing)** - Cloud computing essential
- **NPTEL Cloud Computing** — Covered SaaS, PaaS, IaaS, and Deployment Models
- **Simplilearn** - Introduction to MERN Stack
- **GeeksforGeeks: GFG 160 Days of Code** — DSA-focused coding practice

Achievements

- Ranked among the Top 20 Teams in the Tudethon Frontend Competition organized by Unstop..
- Awarded Gold Medal in the College Tournament for outstanding performance.
- Secured Runner-Up position in the Advitya Annual Fest Inter-College Basketball Tournament.

EXTRACURRICULAR

- Conducted offline Java/DSA sessions for 20+ students, enhancing foundational programming skills and fostering peer learning.
- NSS Member (2023–2025)