Akshansh Singh

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EDUCATION

Vellore Institute of Technology Chennai, India
Bachelor of Technology, Electrical and Electronics Engineering *Sept. 2022 – June 2026*

DAV Public School Bishrampur, CG, India
Highschool *April 2009 – May 2022*

EXPERIENCE

Winner, Google Gen AI Hackathon October 2024
Google, Startup India *Chennai, India*
- Collaborated with a team of developers to conceptualize and create Travelite, an AI-driven platform for personalized trip planning, which won first place in the Google Gen AI Hackathon.
- Presented the project to a panel of judges, demonstrating key features like AI virtual tour guidance and machine learning-based trip suggestions, effectively highlighting the platform's innovative capabilities.

Full Stack Developer May 2024 – June 2024
InternPe *Chennai, India*
- Collaborated with a team of developers to conceptualize and create Travelite, an AI-driven platform generating customized trips based on user preferences and travel history, winning first place in the Google Gen AI Hackathon.
- Presented the project to a panel of judges, demonstrating key features like AI virtual tour guidance and machine learning-based trip suggestions, effectively showcasing the platform's innovative capabilities.

Lead UI/UX Designer May 2023 – Present
IEEE Comsoc *Chennai, India*
- Designed and developed user interfaces for IEEE Comsoc's web platforms, improving user experience and engagement.
- Conducted user research and usability testing to drive design improvements and enhance user satisfaction.
- Collaborated with developers and stakeholders to create visually appealing designs that align with IEEE Comsoc's brand.

PROJECTS

Travelite | *Next.js, Tailwind CSS, Aceternity UI, Express.js, Python, Firebase* October 2024
- Developed Travelite, an AI-driven platform generating customized trips based on user preferences and past travel history.
- Integrated features such as a virtual tour guide with high-quality imagery, multilingual audio guides, and an interactive trip map using Leaflet, enhancing user experience and engagement.
- Utilized APIs like Gemini and Google Maps for trip planning and street views, alongside secure user authentication with Clerk, to ensure a seamless and secure user experience.

Budgeteer | *Next.js, TypeScript, Tailwind CSS/Shadcn UI, SQLite, Prisma* September 2024
- Built a full-stack expense tracker using Next.js 14, TypeScript, and Prisma for seamless financial management.
- Created a progress bar for income and expense categories, providing clear financial insights.
- Used Recharts for interactive monthly and yearly data visualization with histograms.
- Developed a transactions page for tracking financial activities with SQLite as the database.

Notenest | *React, Tailwind CSS, Axios, Node.js, Express.js, MongoDB, Quill* April 2024
- Developed a web application using the MERN stack for seamless note creation and management.
- Implemented CRUD operations to allow users to create, read, update, and delete notes effortlessly.
- Integrated a rich text editor that supports advanced formatting and image embedding.
- Added note pinning to keep important notes accessible at the top of the list.

TECHNICAL SKILLS

Languages & Concepts: Java, JavaScript, SQL, TypeScript, HTML/CSS, Data Structures and Algorithms
Frameworks & libraries React, React Router, Express.js, Node.js, Next.js Tailwind CSS, Shadcn UI, Material-UI
Databases & Dev tools: MongoDB, MySQL, PostgreSQL, Firebase, Git, GitHub, Prisma, Vercel, VS Code, Figma
Soft Skills: Communication, Teamwork, Problem-solving, Time Management, Critical thinking, Logical reasoning