Mayank Mishra

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Education

- Dr. APJ Abdul Kalam Technical University, B.Tech, 2022-2026

Technologies

Languages: JavaScript, Python, HTML, CSS, PHP
Frontend: React.js, Next.js, Tailwind CSS, Bootstrap, Aceternity UI
Backend: Node.js, Express.js, Firebase, MongoDB, MySQL, PostgreSQL
AI/ML: Langchain, RAG, LLM Fine-tuning, Hugging Face, VectorDB
Tools: Git, Cursor, Copilot, CodeRabbit

Experience

(Oct 2024 - Feb 2025)

Intern, Centennial Infotech – Full Stack Developer

- Spearheaded implementation of five application features improving user engagement by 40%, resulting in 25% increase in daily active users.
- Gained hands-on experience with SQL database management and cloud services, utilizing phpMyAdmin for efficient database administration.
- Architected full-stack applications using Node.js for server-side development, creating robust APIs and handling database operations.
- Designed complete e-commerce websites with shopping cart functionality, payment integration, and inventory management systems, increasing client conversion rates by 35%.

(April 2025 - May 2025)

Intern, Sky Shine Technologies – Full Stack + AI Developer

- Created intelligent chatbot applications using MERN stack and Next.js, enhancing conversational AI technologies.
- Integrated Langchain-powered features improving chatbot response accuracy by 45%, increasing user satisfaction by 30%.

Projects

AI-Enabled Gmail Replier
(May 2025 - June 2025)

- **Frontend:** Created with Next.js and React.js achieving 35% faster email processing. Designed intelligent email categorization interface increasing productivity by 60%.
- **Backend:** Developed with Node.js and Express.js processing 500+ responses/hour with Langchain AI. Integrated Gmail API with Langchain models achieving 85% accuracy.
- Conducted extensive testing and debugging ensuring application reliability with secure authentication and authorization mechanisms.

News Website
(December 2024 - Feb 2025)

- **Frontend:** Implemented with React.js achieving 40% faster page loads. Introduced real-time news verification indicators increasing user trust by 65%.
- **Backend:** Engineered with Node.js and Express.js processing 100+ articles/minute with Gemini AI API. Integrated Google's Search API achieving 90% accuracy in cross-referencing.
- Collaborated with cross-functional team delivering project milestones on schedule using Git for version control and code reviews.

Achievements

- Currently leading a team of 2 in a national level hackathon where out of 5500+ teams only 100 ideas were selected for the first round.
- Freelance Project (Upwork): Successfully delivered the first freelance project by selling a hotel listing website.
- Contributor - GirlScript Summer of Code (GSSoC): Selected as a contributor.