

Mayank Mishra

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Education

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

Technologies

Languages: HTML, CSS, JavaScript, Python

Technologies: Git, Hugging Face, Bootstrap, Aceternity UI, Tailwind, Node.js, Express.js, React.js, Next.js, Firebase, MongoDB, VectorDB, MySQL, Langchain, RAG

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 and cloud services

(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

News Website

(December 2024 - Feb 2025)

- **Frontend:** Developed with React.js, achieving 40% faster page loads through optimized rendering. Introduced real-time news verification indicators, increasing user trust by 65%. Designed a responsive and intuitive user interface, ensuring seamless navigation across devices and enhancing accessibility for a diverse user base.
- **Backend:** Built 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 sources. Engineered robust RESTful APIs and applied advanced caching strategies to minimize latency and maximize uptime, supporting a scalable and reliable news delivery platform.
- Collaborated with a cross-functional team to define requirements, prioritize features, and deliver project milestones on schedule. Utilized Git for version control and participated in code reviews to maintain high code quality and foster a culture of continuous improvement.

AI-Enabled Gmail Replier

(May 2025 - June 2025)

- **Frontend:** Created with Next.js and React.js, achieving 35% faster email processing. Devised intelligent email categorization interface, increasing productivity by 60%. Designed a modern, user-friendly dashboard that allows users to manage, filter, and track email conversations efficiently, improving overall workflow and user satisfaction.
- **Backend:** Built with Node.js and Express.js, processing 500+ responses/hour with Langchain AI. Integrated Gmail API with Langchain models, achieving 85% accuracy in response generation. Constructed secure authentication and authorization mechanisms, ensuring data privacy and compliance with industry standards.
- Conducted extensive testing and debugging to ensure reliability and robustness of the application. Gathered user feedback and iteratively improved features, demonstrating adaptability and a user-centric approach to product development.

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.