

Sowmitha Nandakumar

Backend Developer Intern

COVER LETTER

Dear Hiring Manager,

I am writing to express my interest in any backend developer or product design roles that align with my unique blend of skills and experiences. As a passionate AI and Product Design enthusiast with a strong foundation in Artificial Intelligence Engineering, I am eager to contribute to innovative projects that leverage my expertise in UX/UI design, machine learning, and data analytics.

Throughout my academic journey at Amrita Vishwa Vidyapeetham, where I am pursuing a Bachelor's degree in Artificial Intelligence Engineering, I have honed my skills in various domains. My experience as a Backend Developer Intern has equipped me with practical knowledge and a deep understanding of real-world applications. Notably, I developed an AI-driven assistant app, MITRA, which guides elderly users with real-time UI/UX enhancements using OpenAI's API. This project not only showcased my technical prowess but also my commitment to creating user-centric solutions.

In addition to my development skills, I have a strong background in design. As the designer for the Shelaw App, an AI-powered legal assistant chatbot, I focused on creating a user-friendly navigation system, iterative prototyping, and accessibility enhancements. This experience has refined my ability to integrate behavioral psychology and interaction design principles into my work, ensuring that the end products are both functional and intuitive.

Furthermore, my proficiency in data visualization tools such as Grafana has enabled me to develop user-friendly dashboards that optimize interaction design. My project on Bank Data Analysis using Grafana Data Visualization is a testament to my ability to translate complex data into meaningful insights, a skill that is invaluable in any data-driven environment.

I am particularly adept at using a variety of tools and technologies, including Python, SQL, Git, Github, Linux, Windows, and MS Office Suite. My soft skills, such as public speaking, teamwork, and time management, complement my technical abilities, making me a well-rounded candidate who can contribute effectively to any team.

I am excited about the opportunity to bring my skills and passion to your organization. I am confident that my background in AI, product design, and data analytics, coupled with my enthusiasm for continuous learning and openness to feedback, will make me a valuable addition to your team.

Thank you for considering my application. I look forward to the possibility of discussing how my background, skills, and certifications will be beneficial to your team.

Sincerely,

Sowmitha Nandakumar