

# BACK-END DEVELOPER

## VOLUNTEER JOB DESCRIPTION

### Position Overview

iLevelUP is on the lookout for a dedicated and skilled Volunteer Back-End Developer to join our dynamic project team. The successful candidate will play a pivotal role in building a robust, secure, and scalable backend for our web and mobile platform aimed at supporting first-generation college students. By delivering crucial functionalities—from personalized guidance and college search tools to financial aid information and mentorship programs—you'll help students overcome the challenges of college preparation.

### Key Responsibilities

- Collaborate closely with front-end developers and other team members to realize our project's vision as outlined in the project roadmap and technical requirements.
- Design and implement server-side logic using frameworks like Next.js, ensuring high performance and responsiveness to requests from the front end.
- Integrate user-facing elements developed by front-end developers with server-side logic.
- Build and manage APIs to connect the application with external data sources and services.
- Implement security measures, including authentication, authorization, data encryption, and robust input validation, to protect the application and user data.
- Ensure database management and storage solutions are effectively implemented, focusing on NoSQL databases like MongoDB.
- Participate in all phases of the development lifecycle, emphasizing coding, debugging, and testing to ensure quality and stability.
- Assist in developing documentation and technical materials related to the back-end architecture and processes.

## Qualifications

- Demonstrated experience as a back-end developer with a portfolio showcasing deployed projects.
- Strong proficiency in server-side languages and frameworks, especially Next.js.
- In-depth knowledge of database technologies, preferably MongoDB, and database management.
- Familiarity with web security practices, data protection technologies, and compliance requirements.
- Excellent problem-solving abilities, attention to detail, and commitment to high-quality software development.
- Strong communication skills and the ability to work effectively in a team environment.
- Passion for the mission of supporting first-generation college students and making a tangible impact through technology.

## Why Volunteer With Us?

- Make a tangible impact on the lives of first-generation college students, providing essential support and resources to help them succeed.
- Collaborate with a team of equally passionate individuals about education, technology, and making a difference.
- Enhance your portfolio and gain experience by leading a significant, impactful project.
- Enjoy flexible volunteering hours, accommodating volunteers from various time zones in a fully remote position.

## Location

This is a remote volunteering position with flexible hours to accommodate volunteers from various time zones.

## How to Apply

Interested candidates are invited to submit their resume at <https://believeinme.org/donate-your-expertise>. Please include details of your experience related to the abovementioned qualifications and share your motivation for volunteering with iLevelUP.



Join us in our mission to empower first-generation college students by leveraging your expertise and passion for technology and education. Together, we can create a platform that supports students through their college journey and inspires them to believe in their potential.