

Backend Developer Intern

Location: Bangalore

Duration: 3-6 Months

Work Mode: Onsite

Start Date: Immediate

Stipend: 8-12KPM

About Us:

AdaptNXT is a tech-forward company building scalable digital products with a growing focus on AI-powered solutions. We believe in leveraging modern technology—including artificial intelligence and machine learning—to enhance productivity, personalisation, and decision-making.

Role Overview:

We are looking for a motivated Backend Developer Intern with a strong foundation in Node.js to join our development team. This is a hands-on role where you'll work closely with our engineering team to build scalable backend services.

Responsibilities:

- a. Assist in designing and developing RESTful APIs using Node.js
- b. Work with databases like MongoDB or PostgreSQL
- c. Write clean, efficient, and well-documented code
- d. Collaborate with frontend developers and designers to integrate user-facing elements
- e. Participate in code reviews, testing, and debugging
- f. Learn and apply best practices in backend development and security

Requirements:

- a. Understanding of JavaScript and Node.js
- b. Interest or basic understanding of AI/ML APIs and tools
- c. Familiarity with Express.js, MongoDB or SQL databases
- d. Understanding of RESTful APIs and JSON
- e. Good problem-solving and communication skills
- f. Ability to work independently and in a team
- g. Pursuing a degree or recently graduated

Bonus Skills (Nice to Have):

- a. Experience with version control systems like Git
- b. Exposure to cloud services (e.g., AWS, Firebase)
- c. Understanding of authentication (JWT, OAuth)
- d. Knowledge of unit testing frameworks (e.g., Jest)
- e. Experience with GPT-based tools

What You'll Gain:

- a. Real-world project experience
- b. Mentorship from experienced developers
- c. Opportunity to contribute to live projects and see your work in action
- d. Potential for a full-time offer based on performance

Assignment: Simple E-commerce API

Project Requirements:

- Product Listings, The API should allow users to fetch a list of available products.
- Cart Management, Users should be able to manage their shopping cart (add, update, remove items).

- Order Creation, Users should be able to create an order from their cart.
- User Roles and Authentication, Implement user authentication and two roles (customer, admin).
 - JWT (JSON Web Tokens) should be used for securing routes
 - Customer: Can only view products, add them to the cart, and place orders.
 - Admin: Can also manage (add, update, delete) products.
- Basic Frontend (Optional but Recommended), Create a basic HTML page with forms or buttons to interact with the API.
- Additional Features (Optional for Extra Credit):
 - Implement pagination for product listing
 - Add product search by name or category.