

# Roadmap to Becoming a Job-Ready Backend Developer in 3 Months

**Subtitle:** A practical, step-by-step guide to mastering backend development and building real-world projects.

**Website Name:** haas.dev

**Website Link:** <https://dev-roast-app.vercel.app>

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## Introduction

Backend development powers the logic, databases, and APIs behind every application. This 3-month roadmap helps beginners learn backend skills, build projects, and create a portfolio that impresses recruiters.

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## Month 1: Backend Fundamentals & Node.js Basics

### Skills to Learn

- Node.js basics: server setup, modules, npm
- Express.js: routing, middleware
- HTTP methods: GET, POST, PUT, DELETE
- JSON & handling requests/responses

### Mini Projects

1. Hello World API
2. Simple CRUD API with JSON file
3. Basic To-Do API

### Tips:

- Test APIs using **Postman**
  - Keep endpoints organized and structured
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## Month 2: Databases & Authentication

### Skills to Learn

- Databases: MongoDB (NoSQL) or PostgreSQL/MySQL (SQL)

- Connecting backend to database (CRUD operations)
- User authentication with JWT tokens
- Error handling and validation

## Mini Projects

1. Task manager with database
2. User registration & login system
3. Blog backend with CRUD and authentication

### Tips:

- Focus on **data modeling** and relationships
  - Validate user input for security
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## Month 3: Full-Stack Integration & Deployment

### Skills to Learn

- Connect backend APIs to frontend (React or simple HTML/JS)
- Environment variables for sensitive data
- Deployment: Render, Railway, Heroku
- Logging, error monitoring, and basic security practices

## Mini Projects

1. Full-stack To-Do app (frontend + backend + DB)
2. Expense tracker with login & persistent data
3. Blog platform with live deployment and full CRUD

### Tips:

- Test APIs thoroughly before connecting frontend
  - Write README for every project with features, tech stack, and endpoints
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## Key Practices Throughout 3 Months

- **Daily Coding & APIs Practice** – 1–2 hours

- **Version Control** – Use Git/GitHub for all projects
  - **Project First Approach** – Apply every new skill immediately
  - **Testing & Debugging** – Test endpoints, handle errors
  - **Documentation & Deployment** – Make all projects online with clear README
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## Key Takeaways

- Backend skills: Node.js/Express, databases, APIs, authentication, deployment
  - Build small → medium → full-stack projects
  - Live deployed projects + GitHub profile = recruiter-ready
  - Consistency and project-based learning beats random tutorials
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Visit **haas.dev** for backend tutorials, full-stack project ideas, and step-by-step deployment guides.

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