

Node.js Short Course

40 · R14,995

Build powerful server-side applications with Node.js and Express. Learn to create REST APIs, handle authentication with JWT, work with MongoDB via Mongoose, and deploy your back...

40

Hours of Training

R14,995

Course Fee

5 Days

Full-Time Option

JHB · CPT

+ Online Nationwide

COURSE CURRICULUM

What You'll Learn

Node.js Core & the Event Loop

Understand non-blocking I/O, the event loop, modules and npm.

Express.js Basics

Set up an Express server, define routes, use middleware and serve JSON responses.

RESTful API Design

Design clean REST endpoints following best practices for resources and HTTP methods.

Working with MongoDB & Mongoose

Model data with schemas, perform CRUD operations and handle relationships.

Authentication with JWT

Register/login flows, password hashing with bcrypt, and protecting routes with JWT.

Error Handling & Validation

Centralized error handling, input validation with Joi or express-validator.

File Uploads & Static Assets

Handle multipart form data with Multer, serve static files.

Environment Variables & Config

dotenv, environment-specific config and keeping secrets out of code.

Testing APIs with Postman

Test all endpoints, write collections and automate API testing.

Deployment to the Cloud

Deploy your Node.js API to Railway, Heroku or a VPS with PM2.

WHAT TO EXPECT

Your Learning Experience



Expert-Led Training

Taught by experienced bootcamp instructors with 30+ years of combined industry experience.



Hands-On Projects

You write code from day one. Every concept is reinforced with real exercises and a practical project you keep.



Johannesburg & Cape Town

Attend in-person at our Woodmead (JHB) or Cape Town campus, or join 100% online from anywhere.



Certificate of Completion

Receive a Code College certificate on completion — recognised by employers across South Africa.

2026 PRICING

Investment

PRE-PAID — BEST VALUE

R14,995

One flat price — no hidden fees

FULL PRICE

R14,995

Flexible payment options available

Get in Touch

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