



winc
academy

**Certificate Supplement
Syllabus Completion Record**

Back-End Developer



Program: Back-End Developer	Study Load: Avg. 340 hours	Issuer: Winc Academy
Level indication: Intermediate / HBO	Language: English	Status ✓ Completed

Overview

This supplement provides additional context for the Back-End Development certificate issued by Winc Academy. It summarizes the syllabus, the completed modules, the practical assignments and the capabilities demonstrated by the certificate holder.

Completion statement

The certificate holder successfully completed the practice-based Back-End Development program. Through hands-on assignments and projects, the certificate holder demonstrated the ability to build RESTful APIs, work with databases, apply testing principles and develop server-side application logic using JavaScript, Node.js, Express, SQL, Prisma, Postman and professional development tools.

Completed capabilities

Program with JavaScript basics, functions and advanced concepts	✓ Completed
Set up a professional coding workflow	✓ Completed
Connect front-end code to back-end servers	✓ Completed
Work with APIs and Postman	✓ Completed
Understand back-end systems, requests and databases	✓ Completed
Build RESTful APIs with Node.js and Express	✓ Completed
Implement routes, middleware and error handling	✓ Completed

Apply basic authentication and debugging	✓ Completed
Design, query and manage databases with SQLite and SQL	✓ Completed
Use Prisma for object relational mapping	✓ Completed
Write unit tests and API tests	✓ Completed
Complete a Booking API final project	✓ Completed
Apply AI tools to support productivity	✓ Completed

Completed syllabus

Module Name	Avg. Time in Hours	Description	Status
Start Here: Backend Introduction	5 hrs	Introduction to the Back-End Development program.	✓ Completed
AI Basics	5 hrs	Introduction to AI and using AI for work productivity.	✓ Completed
Javascript Basics	68 hrs	Learn core JavaScript concepts, including variables, data types, user input, loops and conditionals.	✓ Completed
Javascript Functions	17 hrs	Learn to write reusable functions for tasks, calculations and working with input values.	✓ Completed
Javascript Advanced	48 hrs	Explore advanced JavaScript topics such as mutation, pure functions, array methods and object methods.	✓ Completed
Professional coding setup	45 hrs	Set up and use professional development tools and workflows.	✓ Completed
Talking to the backend	27 hrs	Learn how front-end code communicates with servers to retrieve, write and store data.	✓ Completed

Introduction to Back-End Developing	5 hrs	Introduction to back-end development concepts and server-side applications.	✓ Completed
Node.js and Express	35 hrs	Build server-side applications and APIs using Node.js and Express.	✓ Completed
Databases & SQL for Back-End development	15 hrs	Learn to design, query and manage databases with SQLite.	✓ Completed
Object Relational Mapping	17 hrs	Use Prisma for data modelling, queries and database-driven applications.	✓ Completed
Testing	11 hrs	Learn quality assurance basics, including unit tests and API tests.	✓ Completed
Back-End Final Project	32 hrs	Apply back-end skills in a final project: the Booking API.	✓ Completed