

Full-Stack Web Development with React & Node.js

Build production-grade web apps end-to-end. React, Node, REST APIs, databases, authentication, and deployment.

blootou.com | sales@blootou.com

Program Overview

PRICE

\$5,200

DURATION

10 weeks

FORMAT

Hybrid

LEVEL

Intermediate

Build production-grade web apps end-to-end. React, Node, REST APIs, databases, authentication, and deployment. This professional track is structured for adult learners who need practical, career-relevant depth without academic abstraction. Delivered as a hybrid experience, the course combines guided milestones, implementation reviews, and applied exercises aligned with modern AI, engineering, and technical leadership work.

Outcomes

- Build and deploy a complete modern web application.
- Design APIs, connect databases, and implement authentication.
- Structure scalable front-end and back-end codebases.
- Ship a portfolio-worthy capstone using production workflow habits.

Includes

- 10 hybrid weeks with code reviews and architecture walkthroughs.
- Capstone SaaS-style project with deployable infrastructure.
- Auth, data, API, and deployment templates.

- Portfolio review checklist and hiring-market positioning notes.

Syllabus

WEEK 1

React Application Architecture

Organize components, routes, and state for maintainable front-end systems.

Topics: App structure, Component patterns, State management

WEEK 3

Node APIs and Data Flow

Build REST endpoints, validate input, and connect service layers to persistent data.

Topics: Expressive route design, Validation, Database access

WEEK 6

Authentication and Authorization

Protect user flows and understand role-aware application behavior.

Topics: Sessions, Access control, Secure patterns

WEEK 8

Deployment and Observability

Move from local development to production delivery with confidence.

Topics: Hosting, Environment variables, Monitoring basics

WEEK 10

Capstone Delivery

Polish and present a production-grade project that demonstrates technical breadth.

Topics: Capstone sprint, QA and testing, Portfolio packaging

Instructor

Sophia Hart

Sophia has led full-stack product teams and teaches how to move from front-end familiarity to complete application delivery.

This Blootou Intelligence syllabus is an admissions overview for planning and evaluation. Final cohort dates, live session timing, assessments, and platform access details are shared in the welcome packet after enrollment.

Payment by Interac e-Transfer to sales@blootou.com | Blootou Intelligence Inc. | Blootou Intelligence Inc. · Vancouver, BC, Canada · sales@blootou.com