



# Vatebra

## Software Academy

# Back-End Development

Get Your Career Started in Back-End Software Development

# Accelerate Your Software Development Career;

Learn the Best software Practices, Led by Experienced Programmers.

This intensive training takes a hands-on approach to advancing you from Enthusiast/Zero Level to a Software Developer ready to build world-class tech solutions.

Learn how to create your own entire websites from scratch! starting with software engineering's fundamentals. You would have mastered a specialty and learned the art of productive teamwork by the time this program is over.

This training is designed by top professionals to provide in-depth knowledge to beginners while also establishing a leading industry relationship that leads to job opportunities.

-  **Online Live Classes**  
Saturdays 10am-2pm  
Sundays 2pm- 5pm
-  **12 Weeks (Weekends only)**
-  **Expert Instructor**

# Program Structure



## Rudiments of JavaScript

Tools of the job  
JavaScript Web: Functions & Events.

Tools of the job:  
Interacting with the DOM.

Tools of the job:  
Vs-Code, Working with Terminals.

Tools of the job:  
Browser Dev Tools, Command line, IDE.

Tools of the job:  
Git and Advance Git

Tools of the job:  
GitHub, and GitHub Pages

Working with API & JSON  
Building and publishing an NPM package

## NODEJS & EXPRESS JS

Introduction to NodeJS & ExpressJS.

ExpressJs: CRUD operations on Database.

ExpressJs: Searching the database for blog  
Pagination.

Using NPM and Packages.

Building and publishing an NPM package.

## Problem Solving

- Debugging: using the Chrome Developer Tools.
- Debugging: Searching Algorithms.



# Capstone Projects

Other Benefits of the Academy Include:

## Immersive Job Support

This course is intended to serve as a job workshop. The main goal is to teach our students all the aspects of job prospecting necessary to find employment in three months.

**Key Competencies:** Cover letter, Industry-standard CV, Interview Demo-Class, LinkedIn Optimization

## Develop and Present Your Software Portfolio Plan

Showcase what you've learned in a project presentation where professionals assess your new software development skill set to obtain your software development certification. You'll receive detailed instructions every week on how to construct your final product iteratively.

## Vatebra Academy Software Development Certification

You will acquire a professional, industry-recognized Software Development certification after completing the Vatebra Software development Course, allowing you to share your knowledge with your network and demonstrate your proficiency. Our certificates are also set up for LinkedIn sharing.





# Learning Flow

## Model For Learning

A 2 Month period of hands-on instruction and experiential learning and 1 month of Capstone Project

## Formation Methods

Learn by solving actual situations.

## Alumni Community

Connect with top employers by joining our talent network.

