

FULL STACK DEVELOPMENT PROGRAM

Transform your existing career into a Full Stack Development career.

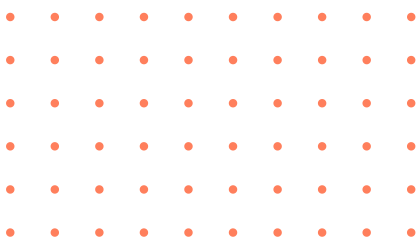




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Refers to the Hands on Projects

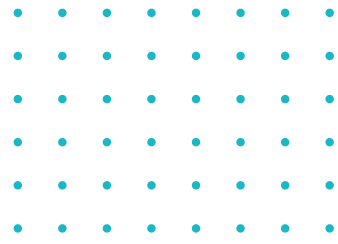
WHY LEARN FULL STACK DEVELOPMENT PROGRAM?



In the rapidly evolving world of Software Development, having up-to-date skills provides both peace of mind and job security. To meet this need, we've introduced a program that remains robust during economic downturns and continues to be in high demand.

Yoll Academy's Full Stack Development Program offers a comprehensive approach to learning, focusing on core principles, problem-solving methods, and the latest technologies, including applied AI in development. The course emphasizes hands-on, collaborative learning through group programming activities, realistic code reviews using AI chatbots, and extensive coding challenges

BOOST YOUR CAREER



We believe this program could greatly benefit you, whether you're currently employed or exploring new career opportunities. Our aim is to arm you with the skills that will make you stand out among your peers and adaptable in the industry. Graduates will be thoroughly prepared to take on various career paths, including roles as Software Engineers, Full Stack Developers, Front End Developers, and Back End Developers.

After completing this program, you'll be positioned to either advance within your current company as a Software Engineer or pursue new job opportunities with better compensation. This program could be the right investment for your career advancement.



COURSE OVERVIEW

To succeed as a Full Stack Developer you need to be flexible and capable of adapting to any challenge. That's why our program goes beyond the typical free or low-cost alternatives, offering a comprehensive curriculum that includes core principles, problem-solving strategies, the latest technologies, and the most in-demand front-end and back-end stacks. In this course, you'll participate in live classes with real instructors and actively engage in lessons designed to build your skills. The aim here is to provide you with more than just basic coding knowledge, which you could easily acquire from free resources. We'll do it by adding 11 projects and hundreds of hands-on exercises.



FRONT END DEVELOPMENT



MODULE 1

Intro to Web Development

Students begin by mastering the fundamentals of Web Development. They'll explore how programs function, understand the roles and responsibilities of Front End and Back End Developers, and gain knowledge about Web Pages, Websites, Web Apps, and the principles of Web Hosting.



MODULE 2:

HTML5 & CSS3

Students gain a solid understanding of the core elements of web rendering and learn to create user interfaces for web apps by developing well-structured HTML and CSS



MODULE 3:

GIT

Students will learn GIT, an essential version control system for managing and tracking code changes. They'll gain hands-on experience with key commands like cloning, branching, merging, and pull requests, while also exploring collaborative workflows for effective team development



MODULE 4

JavaScript

Students are introduced to the fundamentals of JavaScript before moving on to more advanced topics. They'll explore how JavaScript operates behind the scenes while gaining practical experience in JavaScript programming, working with the DOM, and using event listeners. Additionally, they'll learn how AI models can expedite debugging and how to harness AI chatbots through prompt engineering.



MODULE 5:

Bootstrap

Students will efficiently learn to create visually appealing, cross-browser compatible websites using Bootstrap. This robust front-end framework simplifies web development with its responsive grid system, customizable themes, and pre-built components such as buttons, forms, and modals.



MODULE 6:

Jest (Unit Test Framework for JS)

Students will be introduced to Jest, where they'll learn how to set it up and conduct basic testing. By using matchers and assertions, they'll gain practical experience in testing functions, helping to ensure their code is robust and free of errors.



MODULE 7

React JS

Students will learn ReactJS, a component-based JavaScript framework, and have the chance to build a project that interacts with an API. Additionally, they will explore how AI tools can aid in code completion and generate unit tests for components.

BACK END DEVELOPMENT



MODULE 1 **Advanced GIT**

Students explore version control using git commands including forking, branching, merging, and submitting pull requests.



MODULE 2 **CLI**

Students will learn the fundamentals of navigating the file system, executing commands, and editing files directly in the terminal, along with key tips and tricks to boost their efficiency.



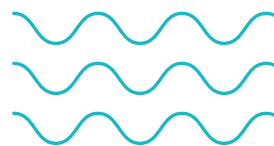
MODULE 3 **Python**

Students will develop a solid foundation in back-end development while learning Python. They will explore object-oriented programming, manage data in databases using SQL, and incorporate AI features into their applications.



MODULE 4 **Flask and Back End Web APIs**

Students will learn Flask, a Python web framework, to build their own JSON API and develop scalable front ends using React, resulting in sleek, functional, and interactive applications.





MODULE 5

SQL

Students will learn the fundamentals of SQL, including functions for data manipulation. They will also delve into advanced data querying techniques like JOINS, subqueries, and aggregation, as well as essential commands for managing databases and tables.



MODULE 6

ORM

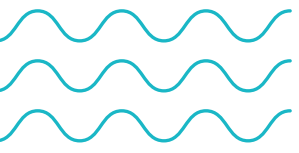
Students will learn object-Relational Mapping (ORM) which simplifies database interactions by allowing developers to work with databases using objects instead of raw SQL. It automates data conversion between the database and application, making operations like querying and updating more intuitive and reducing the need for complex code.



MODULE 7

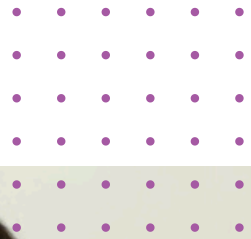
Applied AI*

Students will learn to apply AI in development by using AI APIs like OpenAI and Cloud AI to enhance their applications. The course covers Generative AI, text generation with GPT models, integrating AI into web applications, and the basics of prompt engineering. Through a mini project, they'll gain practical experience in building AI-powered solutions.



FULL STACK + CAPSTONE PROJECT

After completing the back-end development track, students dive deeper into advanced technologies, guided by instructor feedback, to bring their concepts to life. They then embark on a solo project, creating an application of their choice using the technologies they've learned throughout the course.



PACE & SCHEDULE

At Yoll Academy, we understand that your approach to studying is just as crucial to your success as the material you're learning. Supported by our online learning management system and personalized guidance, every student benefits from an exceptional learning experience.



COURSE LENGTH:
28 WEEKS



COMMITMENT NEEDED:
~20 HOURS
HOURS/WEEK (INCLUDING
LIVE CLASSES)

SCHEDULE:



LIVE ONLINE CLASSES:
**MONDAY, WEDNESDAY,
FRIDAY 7-10 PM EST**



MENTORING:
**SATURDAY 10 AM -
1 PM EST**



PRICING

ALUMNI GETS ADDITIONAL **10% DISCOUNT**

TRACK 1

FRONT END DEVELOPMENT

PAYMENT PLAN:

\$650

A MONTH FOR 5 MONTHS

TOTAL:

\$3250

TRACK 2

BACK END DEVELOPMENT

PAYMENT PLAN:

\$650

A MONTH FOR 5 MONTHS

TOTAL:

\$3250

TRACK 3

FULL STACK DEVELOPMENT +
CAPSTONE PROJECT

PAYMENT PLAN:

\$600

A MONTH FOR 10 MONTHS

TOTAL:

\$6000

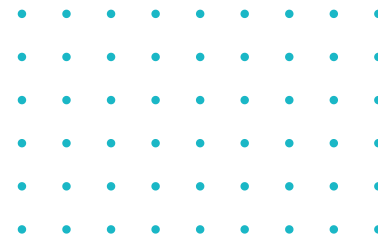
4 WEEKS **FREE TRIAL**



WHY YOLL ACADEMY?




Yoll Academy's primary objective is to equip students for success in any job market. To achieve this, our curriculum is continuously reviewed by expert instructors and integrates the latest emerging technologies, including Applied AI. The course emphasizes a hands-on, community-driven learning experience, featuring lab work, real-world portfolio development, and exclusive access to instructors.





LET'S HEAR FROM YOU



Education should be the best investment you make – and at Yoll Academy, we're committed to helping you learn the skills to change your future. We provide the skills, community, and immersive, outcomes-driven curriculum you need to launch a career in SDET, Salesforce Development, DevOps Engineering, Full Stack Development.

FOR INQUIRIES, CONTACT US



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