



iUniversity
BY IYDA

Executive Certificate in Full Stack Application Development

iUniversity by IYDA

Duration	6 Months
Learning Hours	220 Hours
Mode	Online / Offline / Hybrid
Eligibility	Graduate / Final Year Students / Working Professionals
Level	Beginners to Advanced
Certification	Executive Certificate from iUniversity by IYDA

Module 1: Programming Fundamentals

Hands-on learning through coding assignments, live projects, and industry case studies.

Module 2: HTML5, CSS3 and Responsive Design

Hands-on learning through coding assignments, live projects, and industry case studies.

Module 3: JavaScript and ES6+

Hands-on learning through coding assignments, live projects, and industry case studies.

Module 4: Frontend Development with React

Hands-on learning through coding assignments, live projects, and industry case studies.

Module 5: Backend Development with Node.js

Hands-on learning through coding assignments, live projects, and industry case studies.

Module 6: RESTful API Development

Hands-on learning through coding assignments, live projects, and industry case studies.

Module 7: Database Design with MySQL and MongoDB

Hands-on learning through coding assignments, live projects, and industry case studies.

Module 8: Authentication and Security

Hands-on learning through coding assignments, live projects, and industry case studies.

Module 9: Version Control using Git and GitHub

Hands-on learning through coding assignments, live projects, and industry case studies.

Module 10: Cloud Deployment and Hosting

Hands-on learning through coding assignments, live projects, and industry case studies.

Module 11: Testing and Performance Optimization

Hands-on learning through coding assignments, live projects, and industry case studies.

Module 12: Capstone Project: Full Stack Application Development

Hands-on learning through coding assignments, live projects, and industry case studies.

Tools & Technologies Covered:

- HTML5
- CSS3
- JavaScript
- React
- Node.js
- Express.js
- MySQL
- MongoDB
- Git
- GitHub
- VS Code

Career Opportunities:

- Full Stack Developer
- Software Developer
- Frontend Developer
- Backend Developer
- Web Application Developer
- JavaScript Developer
- Application Engineer