DEVELOPERS
STACK

ENTERPRISE APPLICATION DEVELOPMENT

Developers Stack's Enterprise Application Developer program offers an in-depth exploration of modern enterprise technologies. Participants will master frontend frameworks like Angular, backend solutions with Spring Boot, and essential tools for CI/CD, Docker, and Kubernetes. The program also covers AWS cloud services, PostgreSQL, RabbitMQ, Kafka, Redis, and advanced technologies like GraphQL and the ELK Stack. With practical skills in SEO, monitoring with New Relic, and security with Keycloak and Cloudflare, this course prepares you to tackle complex enterprise applications efficiently.

OVERVIEW OF
THE PROGRAME
600 HOURS | 6 MONTHS

STAGE 01   **6 Projects Will Be Developed**

CSS

HTML

SASS

Three.js

JavaScript

Version Controls

Git LAB

Type Script

- Implement type-safe, maintainable code in a JavaScript environment.
- Develop visually appealing and responsive designs using CSS.
- Manage version control, collaboration, and CI/CD workflows effectively.
- Optimize and debug web applications for performance and reliability.
- Create interactive and animated 3D scenes on the web.
- Write maintainable and efficient CSS with variables, nesting, and mixins.
- Create well-structured and accessible web pages with semantic elements.
- Build interactive and dynamic features for web applications.
- Design modern, responsive layouts using utility-first classes.
- Customize and integrate third-party libraries for enhanced functionality.

STAGE 02   **4 Projects Will Be Developed**

Java Development	
Rabbitmq	
Keycloak	
GrphQL	
Spring Development	
Version Controls	
Spring Boot (micro services)	
Kafka	

•Create flexible and efficient APIs for data retrieval and manipulation.

• Implement reliable message queuing and event streaming for inter-service communication.

• Utilize caching and real-time data storage to enhance application performance.

• Build and deploy a full-featured web application with user authentication and authorization.

• Optimize application performance, scalability, and reliability through best practices.

• Develop and maintain relational databases with advanced querying and optimization.

• Design and implement scalable microservices architecture with seamless integration.

• Ensure secure access control and user management throughout the application.

• Implement and manage CI/CD pipelines for automated testing, deployment, and monitoring.

• Integrate frontend and backend technologies for a cohesive user experience.

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STAGE 03   2 Projects Will Be Developed

- NgRX
- Cypress
- Angular
- CI/CD Pipe Line

•Enhance user experience with advanced features and functionalities in web applications.

• Integrate frontend components with backend services and APIs for a cohesive user experience..

• IImplement scalable state management patterns for complex applications.

•Automate testing processes to streamline development and maintain code quality.

• Monitor and analyze performance metrics to continuously improve and adapt strategies..

• Develop dynamic and responsive web applications with a component-based architecture..

• Conduct comprehensive testing to ensure application reliability and high quality.

• Implement effective SEO strategies to improve visibility and search engine ranking..

• Optimize web performance and loading times for an enhanced user experience..

STAGE 04   1 Projects Will Be Developed

- Doker
- Istio
- CI/CD Pipeline
- Certbot
- AWS(EC2,ELB,S3,AWS EKS,AWS Lambda)
- Cloudflare

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New Relic

Kubernetes

Hostinger

ELK Stack (Elasticsearch, Logstash, Kibana)

nginx

• Monitor and analyze application performance and health with advanced observability tools..

• Deploy and manage scalable applications on cloud platforms with load balancing and object storage.e..

• Implement service mesh for improved communication, security, and management of microservices.

• Implement automated deployment pipelines to streamline continuous integration and delivery processes.

• Containerize applications for consistent deployment and isolation across environments.

• Configure and manage web servers and reverse proxies for optimized request handling and load distribution.

• Automate SSL certificate management and renewal to ensure secure connections.

• Ensure application security and performance with DNS management and protection services.

• Collect, process, and visualize logs for comprehensive monitoring and troubleshooting.

AVAILABLE
PRICING PLANS

Course Fee **LKR 30,241.18 | $100**

2 Payments Option	LKR 15,088 X 2
Single Payment Option	LKR 30,173.00
Per Month Option	LKR 5,128.78 x6

2 Payments Option	Gaps Between payments 90 DAYS
Single Payment Option	Gaps Between payments 0 DAYS
Per Month Option	Gaps Between payments 30 DAYS

ABOUT
THE INSTITUTE

At DevelopersStack, we stand as a beacon of excellence in the world of technology education. With a diverse array of training programs meticulously designed to cater to the ever-evolving needs of the industry, we offer more than just knowledge, we offer opportunities.
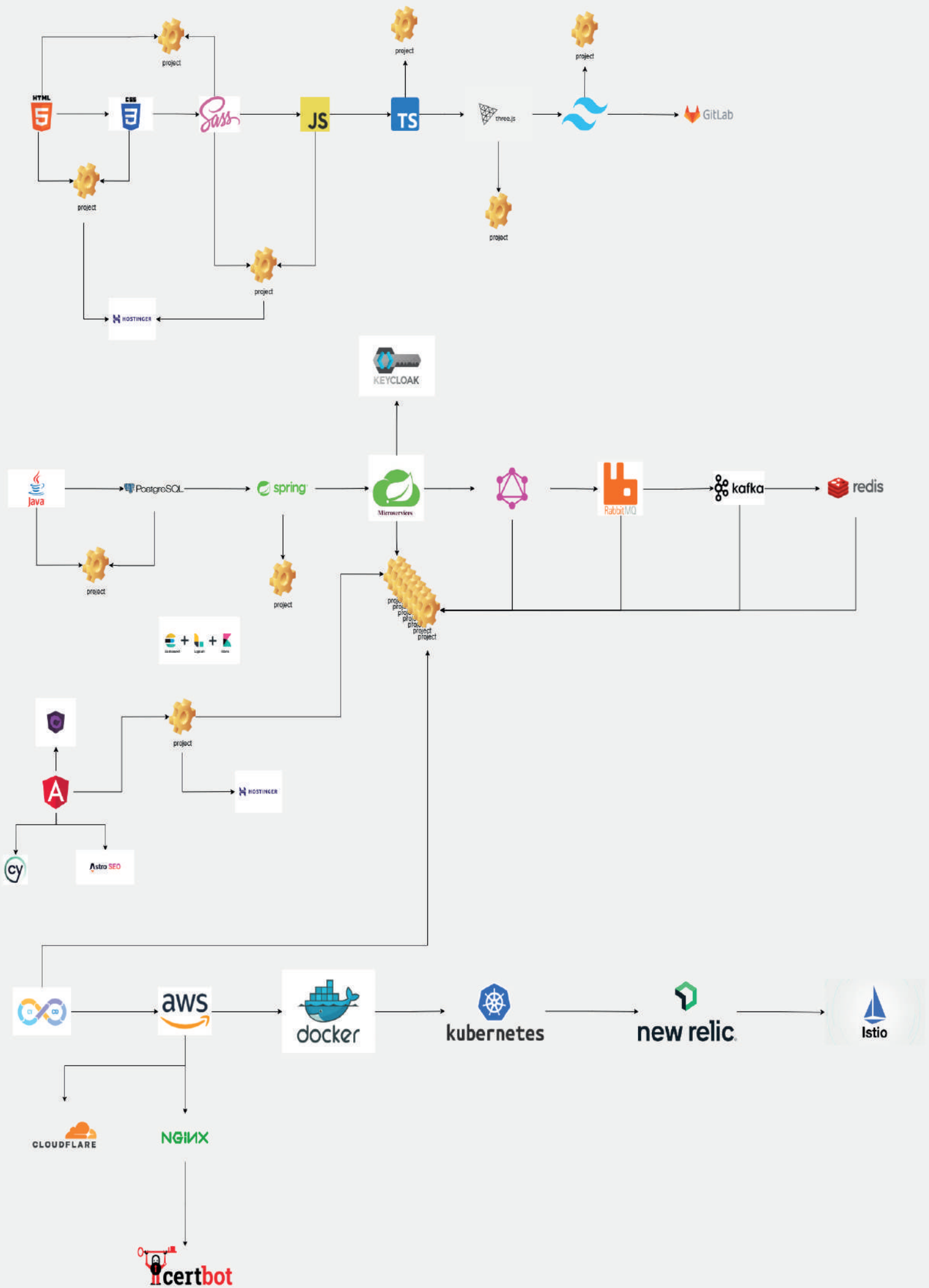
PROGRAM
GOAL

The goal of the Enterprise Application Developer program at Developers Stack is to equip professionals with the expertise to design, develop, and manage scalable enterprise applications. We aim to provide practical skills across key technologies and tools, enabling participants to excel in complex development en-

PROGRAM
VISION

Our vision for the Enterprise Application Developer program at Developers Stack is to be a leading force in shaping the next generation of software engineers who will drive technological advancements and innovation. We aspire to create a dynamic learning environment that bridges the gap between cutting-edge tech-

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