



# INDUSTRIES

- IT-BPM
- Manufacturing
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- Ownership, Dwellings and Real Estate
- Wholesale and Retail Trade



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Career  
Information  
Pamphlet  
Series of 2022

This Career Information Pamphlet aims to provide relevant and useful information in exploring career options and prospects in various industries considering the current landscape in the world of work.

The CIPs intend to guide job seekers, professionals, researchers, and policymakers on the nature of various jobs, educational requirements, skills and competencies, relevant attributes, employment opportunities, and the cost of training.

Actual requirements may vary based on the hiring institution's/ organization's discretion.



Republic of the Philippines  
DEPARTMENT OF LABOR AND EMPLOYMENT  
Bureau of Local Employment  
Intramuros, Manila



# Full Stack Engineer



Republic of the Philippines  
DEPARTMENT OF LABOR AND EMPLOYMENT  
Bureau of Local Employment  
Intramuros, Manila





## QUALIFICATIONS

A Bachelor's degree in Computer Science or diploma in Information Technology (Back End Web Development/Front End Web Development) with a strong background in programming and software development would be advantageous.

Work experience with both back-end and front-end development is highly recommended to become a Full Stack Engineer.



## COMPETENCIES

Knowledge, Skills and Attributes

### Technical Skills

Knowledge in UX, designing systems, front-end knowledge - languages and framework (JavaScript, Java, Python, C# etc.) system testing, java scripts, accessibility, APIs, database management, cybersecurity, system deployment, and web hosting.

### Soft skills

Critical thinking, creativity, strategic planning, analytical skills, problem solving skills - deductive and inductive reason.

## COST OF EDUCATION AND TRAINING



Public/State University and College average per semester

By virtue of Republic Act 10931, undergraduate students accepted to SUCs are covered for free tuition and other school fees.

Private University/College average per semester

Php 30,000 - Php 70,000

Certifications/Training (average)

Php 15,000



## EMPLOYMENT PROSPECTS

Full Stack Engineers often have flexible work arrangements. They may work full or part-time in the office setting, do business at home, or do freelance work.

They can also provide their skills and expertise to various organizations as consultants or independent contractors.

## PROSPECTS FOR CAREER ADVANCEMENT

Advanced degrees such as MA or PhD will be very helpful in advancing your career as a Full Stack Engineer.

Such degrees will be very beneficial in expanding professional practice most especially as consultant, researcher or academician.



## AVERAGE MONTHLY SALARY

ENTRY LEVEL	Php 40,000
MID - LEVEL	Php 50,000
SENIOR LEVEL	Php 60,000