



# OEURN NURAK

Student MIS (Management Information System)

## Contact

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(245), Phnom Penh

## Education

2022 - now

### Setec Institute

Bachelor of MIS (Management Information System)

2020 - 2022

### Hun Sen Kor Hight School

Study start with grade 10 to 12

2010 - 2019

### Toul Kpus Secondary School

Study start with grade 01 to 09

## Skills

**Database :** MySQL , SQL , Oracle , PosgreSQL

**Frontend :** Html , Css , Bootstrap 5 ,Javascript ,  
JQuery , React Js

**UX/UI :** Figma

**Backend :** Spring Boot , PHP , ASP.NET

## Interest

Play sports, Gym ,reading books, technology  
research and challenge, traveling and listening  
to music

## Language

Khmer  
English (Good)

## About Me

I'm Oeurn Nurak, and now 21-year-old Currently MIS student at SETEC Institute with a passion for technology and web development. I have completed two major projects: a Restaurant Management System (Web) and a Bookstore Desktop POS System, gaining valuable experience in full-stack development. I am eager to apply my skills to create impactful web solutions.

## Experience

### Restaurant Project

### SETEC INSTITUTE

#### Project Overview

The Restaurant Management System (RMS) is a web-based solution that integrates an Admin Dashboard for restaurant management and a POS System for sellers. The Admin Dashboard handles user roles, products, orders, and reports such as Sales, Expenses, and Revenue. The POS System features a touchscreen interface for order management and supports multiple payment methods, including KH QR Code, cash, and card payments. Technologies used include Spring Boot, React.js, MySQL, Docker, and Figma for UI/UX design.

#### Key Feature

- **Admin Dashboard:** Provides role-based access control for managing users, products, orders, and generating essential reports such as Sales Reports, Accounting Reports (Expenses, Revenue, and Income), and Inventory Management Reports.
- **POS System:** Touchscreen-based interface for order management and food handling, supporting multiple payment methods including KH QR Code, Cash, and Card Payments. The system allows sellers to hold and manage orders efficiently.
- **Reporting :** Developed a comprehensive Restaurant Reporting System to generate key reports, including Sales, Accounting (Income, Expenses, Cash Flow), Inventory, and Employee Performance. The system tracks POS Transactions, monitors Customer Behavior, and compares branch performance. Reports are customizable and exportable in PDF, Excel, and CSV, supporting data-driven decision-making to improve business operations.
- **Technologies Used:** Spring Boot, React.js, MySQL Server, Docker, Figma for UX/UI design.

*Project Overview*

Developed a Bookstore POS System using C# Windows Forms, designed to streamline book sales, stock management, and reporting. The system features a Dashboard for Administrators and a POS Module for Sellers, providing a complete solution for bookstore operations.

*Key Features*

- Admin Dashboard: Manage books, categories, stock levels, and user roles. The dashboard includes tools for monitoring inventory, generating sales reports, and tracking revenue and expenses.
- POS Module: User-friendly interface for sellers to process transactions quickly and efficiently. Features include barcode scanning, real-time stock updates, and multiple payment options.
- Reporting System: Provides detailed reports on sales performance, inventory status, and financial summaries, helping bookstore owners make data-driven decisions.
- Technologies Used: C# Windows Forms, SQL Server, ADO.NET, and Crystal Reports for generating reports.

**Database Project****SETEC INSTITUTE**

- SQL Server: Developed a Bookstore Management System that includes report generation using SQL Queries to track sales, inventory, and financial summaries. Utilized SQL Server to manage data efficiently and ensure accuracy in reporting.
- MySQL: Implemented a Restaurant Reporting System by creating Stored Procedures and writing complex queries to generate essential reports, such as Sales, Expenses, and Inventory. Utilized MySQL as the core database for the Restaurant Management System (RMS) to handle data processing and ensure system reliability.
- Oracle Database: Gained experience in Oracle DB by setting up an Oracle instance using Docker Services. Created HR reports as part of a learning project, focusing on employee data management and reporting.
- PgAdmin (PostgreSQL): Used PgAdmin for a research project, applying PostgreSQL to manage and query large datasets efficiently. Focused on data integrity and optimizing queries for performance.

## References

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**SUM CHANTOU**

Lecturer at SETEC INSTITUTE

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