



# POV YANGHAI

Aspiring Database Administrator / Data Analyst

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## ABOUT ME

I am a third-year Computer Science student at CADT, specializing in Data Science. I have experience in database design, SQL, MySQL, PostgreSQL, and backend integration. I enjoy working on team projects, solving problems, and applying data-driven solutions. I am eager to contribute my skills in data analysis and database management to real-world projects.

## EDUCATION

### CAMBODIA ACADEMY OF DIGITAL TECHNOLOGY (CADT)

B.Sc. in Computer Science, Specialization in Data Science | 2023 – Present

- Recipient of 100% Decho Scholarship
- Relevant coursework: Database Systems, SQL, Python, Data Analysis
- Activities: Trainer – Next Gen Program, Backend Developer – Akhara, Research Presenter – ACET Conference

### PUC IFL – ENGLISH & DIPLOMA STUDIES

Phnom Penh, Cambodia | 2023 – 2024  
Graduated Diploma in 2024

### PREK DOM BOK PRIMARY & HIGH SCHOOL

Kampong Cham, Cambodia | 2011 – 2023

## SKILLS

**Databases:** SQL, MySQL, PostgreSQL, Database Design & Relational Databases

**Programming / Tools:** Python, R, Node.js, Go, React.js, Figma, RESTful API Integration

**Data Analysis & Visualization:** Excel, Pandas, Matplotlib, Data Cleaning

**Soft Skills:** Problem Solving, Team Collaboration, Communication, Mentoring

## LANGUAGES

- Khmer (Native)
- English

## WORK EXPERIENCE / PROJECTS

### BACKEND DEVELOPER – AKHARA (INNOVATION PROJECT) 2025–NOW

- Designed and implemented relational database schemas (MySQL/PostgreSQL)
- Integrated backend with frontend systems for Khmer annotation tool
- Prepared data for machine learning workflows
- Maintained data integrity and structure

### TEAM MEMBER – RIWAS (RECRUITMENT PLATFORM PROJECT) 2025–NOW

- Designed database structure for recruitment workflows (users, roles, jobs, applications)
- Prepared ER diagrams and system architecture for backend implementation
- Collaborated with team on full-stack project planning

### TRAINER – NEXT GEN PROGRAM (CADT) 2025

- Taught web design fundamentals to first-year students
- Guided students in project-based learning and system integration

### RESEARCH PAPER PRESENTER – ACET CONFERENCE 2025

- Co-authored and presented research at ACET Conference
- Investigated performance optimization techniques for AR applications using data analysis and algorithm evaluation
- Applied methods like FAST and ORB algorithms for marker detection and performance enhancement
- Gained experience in data collection, analysis, and reporting findings

## ACHIEVEMENT

- Innovation Award – Akhara Project
- Research Paper Presenter – ACET Conference

## REFERENCE

Available upon request