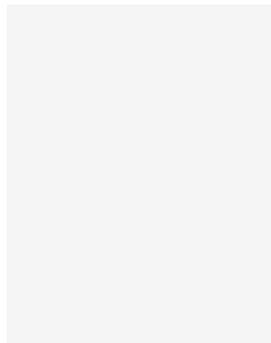## Personal Information

| | |
|---|---|
| First name(s) / Surname(s) | **Patrick Lorem** |
| Job applied for | **+840909123123** |
| Telephone(s) | **+840909123123** |
| E-mail | patrick.991412@gmail.com |
| Personal website | Input link social |
| Address(es) | Ho Chi Minh City, Vietnam |

## PROFESSIONAL SUMMARY

Computer Science undergraduate with hands-on experience building ETL pipelines and server-side APIs using C#, Java, and SQL. Strong foundation in data analysis, relational schema design, and collaborative Agile development. Seeking entry-level product engineering role to grow in large-scale systems.

## SKILLS

C#, Java, SQL, ETL, API development, Relational databases, Data cleaning, Agile & Git, Troubleshooting, Basic web fundamentals (HTML/CSS concepts)

## Professional Experience

| | |
|---|---|
| Dates | 09/2023 - 12/2023 |
| Occupation or position held | **Data Integration Project (Academic)** |
| Name and address of employer | University Capstone, Ho Chi Minh City, Vietnam |
| Main activities and responsibilities | • Context: Capstone team needed unified reporting from disparate issue-tracking and test logs. Action: Built ETL pipeline in C# to extract, transform, and load data into a reporting schema. Result: Enabled consolidated reporting for the project stakeholders. |
| | • Context: Raw datasets contained inconsistent fields and duplicates. Action: Developed data-cleaning routines to standardize fields and remove duplicates before load. Result: Improved data consistency for downstream reporting. |
| | • Context: Team worked under course deadlines. Action: Collaborated with a 4-person team using Agile practices and Git for version control. Result: Delivered pipeline and documentation on schedule. |
| Dates | 01/2023 - 04/2023 |
| Occupation or position held | **Analytics Dashboard Prototype (Course Project)** |
| Name and address of employer | Software Engineering Course, Ho Chi Minh City, Vietnam |

| | |
|---|---|
| Main activities and responsibilities | • Context: Course required a prototype to surface development metrics. Action: Designed a relational database schema for a metrics warehouse capturing builds, tests, and defects. Result: Supported efficient aggregation queries for the dashboard. |
| | • Context: Dashboard needed server-backed metrics. Action: Implemented server-side APIs in Java to serve aggregated metrics to a front-end. Result: Enabled interactive metric views for instructors and students. |
| | • Context: Data mismatches appeared between sources. Action: Performed root-cause troubleshooting to identify and fix ETL/source mapping issues. Result: Restored data alignment across reports. |

## Education

| | |
|---|---|
| Dates | 09/2021 - 06/2025 |
| Title of qualification awarded | **B.S. Computer Science** |
| Principal subjects / occupational skills covered | **Field of study** |
| Name and type of organization providing education and training | Ho Chi Minh City University, Ho Chi Minh City, Vietnam |
| Level in national or international classification | Relevant coursework: Databases, Software Engineering, Data Structures, Software Testing |
| Additional information | Additional information |

## Projects

• ETL Pipeline & Reporting
• Development Metrics Dashboard Prototype

## Languages

• English
• Vietnamese

## Additional Information

• Available to relocate for on-site opportunities
• Open to entry-level product or infrastructure engineering roles