

Raven Luke E. Quinto

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Technical Skills and Expertise

Programming Languages: JavaScript, Typescript, Python, R, SQL, C# (familiarity)

Web and Mobile Development: React, React Native, Expo, ASP.NET (familiarity)

Database and Backend: Supabase (PostgreSQL)

Cloud and DevOps: AWS (S3, Cloudfront, Lambda, Route 53), Git, Vercel, Docker

Education

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES

BS in Information Technology – Consistent President's Lister from 1st to 3rd (Cum. GWA: 1.30)

Sta. Mesa, Manila City

2022 – Present

- DOST Scholar Undergraduate Grantee (2022 - 2026) – RA 7687
- AWS Cloud Club PUP (AWSCC): Member (2024-2025) – Part of Data Science Department for Skill Builder
- Google Developer Students Club (GDSC):
 - Member (2024-2025) – Part of Community Relations and Data/ML Team
 - DataCamp Scholar (2025)
- IBITS: Member (2022 – 2025)
- Cisco NetConnect PUP (CNCP): Member (2024 – 2025) – Part of Community Partnership Team in Relations Dept.
- PUP Association of DOST Scholars (PUPADS): Member (2022 – Present)

PAMANTASAN NG LUNGSOD NG VALENZUELA

Senior High School, STEM Strand - Graduated with High Honor

Valenzuela City

2020 - 2022

Projects and Experiences

RESBAC Capstone Project | Full Stack and Database Developer, and Project Manager

- Conceptualized and developed a multi-platform disaster response system enabling barangays to map vulnerable populations and prioritize rescue operations in high-risk areas, providing support for data-driven decision making for barangay rescuers.
- Designed and implemented Supabase (PostgreSQL) backend and database architecture supporting citizen profiles, and vulnerability information, and barangay admin rescue data.
- Implemented frontend data pipelines for fetching, cleaning, and validating datasets used by the interface and received by the machine learning APIs
- Deployed the website using AWS S3, Cloudfront, and Route 53 and built the mobile application using React Native assembly
- Built and deployed machine learning servers (KMeans Clustering and XGBoost) using AWS Lambda and Docker for containerization
- Led weekly sprint meetings, managed task allocations, and ensured timely accomplishments with consistent updates and team communication, applying Agile principles in practice.

PUPSLP Theater Ticketing System | Full Stack and Database Developer, and Project Manager

- Designed and implemented the backend and database architecture in Supabase for event and audience ticketing management.
- Designed a dynamic form builder (behaves similarly to Google Forms), allowing dynamic ticketing form creation for any event.
- Created frontend skeletons to establish core system workflows prior to UI/UX styling.
- Led weekly sprint meetings, task allocations, and revision review of accomplished features, applying Agile principles in practice.

Game Bundles Market Basket Analysis Project | Data Analyst, Machine Learning

- Conducted Market Basket Analysis using the Apriori algorithm on survey data collected through purposive sampling among 2nd-year BSIT students.
- Performed data cleaning, validation, and visualization to identify commonly paired games for potential marketing game bundles.

Framingham Heart Study Dataset Research | Data Analyst, Data Visualization

- Led the data preparation, transformation, and standardization to improve data quality and analysis readiness
- Developed meaningful data analysis through graphs for effective data visualization and interpretation

CNCP Routing Success - Build strategic connections & enhance teamwork Webinar | Event Host

- Hosted an event for CNCP Relations Department's online webinar about building strategic connections and enhancing teamwork through insightful discussions.

Competitions

World University Ranking for Innovation (WURI) Research Competition | Participant

December 2025

RIST 5th PUP Research Pitching Competition | Participant

November 2025

Seminars and Workshops

Attended Trainocate's GCP Fundamentals: Core Infrastructure Class

December 2025

Attended AWS SCC PUP's ReactJS 101 Workshop

June 2025