

# John Mike Asuncion

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## EDUCATION

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### POLYTECHNIC UNIVERSITY OF THE PHILIPPINES

*Bachelor of Science in Computer Engineering*

College of Engineering

2nd Year

*Manila, Philippines*

*2024 - 2028*

### ST. THERESE OF ROSE SCHOOL, INC.

*Science, Technology, Engineering, and Mathematics*

Senior High School

*Caloocan, Philippines*

*2022 - 2024*

## ACTIVITIES

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### GENERAL ENGINEERING AND SCIENCES QUIZ BEE

ACCESS • Polytechnic University of the Philippines

*CEA Building, Manila, Philippines*

*Dec 12, 2024*

- Earned the title of **1st Runner Up** in the CPE Fair 2024 held by the Association of Concerned Computer Engineering Students for Service (ACCESS).

### INNOLYMPICS 2025 HACKATHON

GDSC PLM • Pamantasan ng Lungsod ng Manila

*ING Hubs, Makati, Philippines*

*Jan 11-12, 2025*

- Developed a working software solution within 36-hour hackathon.
- Participated in the workshops, challenges, and networking sessions held by the Google Developer Student Clubs (GDSC) PLM.
- The hackathon aims to address challenges by developing innovative solutions aligned with the Sustainable Development Goals (SDGs).

### THE FUNDAMENTAL TOURNAMENT OF CALCULUS 2025

AMS • Ateneo de Manila University

*Faura, Quezon, Philippines*

*Mar 15, 2025*

- Participated in a whole-day collegiate Math competition held by the Problem Crafters' Pool (PCP) and Academics Enrichment Team (AET) of the Ateneo Mathematics Society (AMS).

## LIMITLESS: NATIONAL YOUTH SUMMIT ON STATISTICS

UPSS • University of the Philippines Diliman

Stats, Quezon, Philippines

May 10, 2025

- Participated in an annual activity of UP Statistical Society (UPSS), promoting awareness and enhancing interest in the field of Statistics.

## SPARKFEST 2025

GDG on Campus PUP • Polytechnic University of the Philippines

Manila, Philippines

June 1-7, 2025

- Participated in a 1-week hackathon that is designed to bring together students to tackle real-world challenges with innovative tech solutions.

# PROJECTS & PORTFOLIO

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## GITHUB PORTFOLIO

Personal Project Portfolio

GitHub • <https://github.com/johnmikx>

- Initiating self-led mini projects to explore data analysis, machine learning, AI-driven applications, and automation tools using Python and modern AI platforms.

## DEMYSTIFYING DATA SALARIES LEVEL 1

DataCamp Competition: Exploratory Data Analysis

DataCamp • [demystifying\\_data\\_salaries\\_level1\\_nb](#)

- This **Level 1 analysis** examines tech salary trends from 2020 to 2024 using a dataset of 57,194 salary records. The report addresses three key objectives to provide actionable insights for an international HR consultancy: **Dataset Scope**, **Salary Comparison between Data Scientists and Data Engineers**, and **Remote Work in the US**.

## DEMYSTIFYING DATA SALARIES LEVEL 2

DataCamp Competition: Exploratory Data Analysis

DataCamp • [demystifying\\_data\\_salaries\\_level2\\_nb](#)

- This **Level 2 analysis** examines tech salary trends from 2020 to 2024 using a dataset of 57,194 salary records. The report addresses three key objectives to provide actionable insights for an international HR consultancy: **Top 5 Job Titles by Salary**, **Remote Work Salary Trends**, and **Salary Distribution by Company Size**.

## DEMYSTIFYING DATA SALARIES LEVEL 3

DataCamp Competition: Exploratory Data Analysis + Basic Machine Learning

DataCamp • [demystifying\\_data\\_salaries\\_level3\\_nb](#)

- This **Level 3 analysis** examines tech salary trends from 2020 to 2024 using a dataset of 57,194 salary records. The report addresses three key objectives to provide actionable insights for an international HR consultancy: **Impact of Country**, **Experience Level**, and **Remote Ratio on Salaries**, **Predictive Model for Salary Estimation**, and **Expanded Model with Additional Features**.

## ACADEMIC & PROFESSIONAL WEB PORTFOLIO

Personal Website and Mobile Portfolio

Vercel • <https://kaizen-portfolio.vercel.app/>

- A personal academic and career portfolio, styled using the **Kaizen principle of continuous improvement**. This website serves as a professional hub to showcase projects, certifications, documents, and achievements.

## CERTIFICATIONS

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### AI FUNDAMENTALS CERTIFICATION

DataCamp • <https://www.datacamp.com/skill-verification/AIF0027630990889>

- Completed core certification to solidify understanding of artificial intelligence principles and apply them using Python, data manipulation libraries, and beginner-friendly ML techniques.

## COMMUNITY ORGANIZATIONS

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### A BETTER CHANCE FOUNDATION

Scholar

Oct 2024 - Present

### DATA ENGINEERING PILIPINAS

Community Member

Apr 2025 - Present

## SCHOOL ORGANIZATIONS

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### PUP MANILA MICROSOFT STUDENT COMMUNITY

Junior Web Developer

Sep 2024 - Present

### THE PROGRAMMERS' GUILD

Devskolar

Oct 2024 - Present

### AWS CLOUD CLUB PUP

Department of Data Technologies Member

Oct 2024 - Present

### GOOGLE DEVELOPER GROUPS ON CAMPUS PUP

Data and ML Cadet

Nov 2024 - Present

### ICPEP STUDENT EDITION - PUP MANILA

Member

Dec 2024 - Present

## TECHNICAL & AI SKILLS

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- **Programming:** Python, NumPy, Pandas, Matplotlib, Seaborn
- **AI Tools & Platforms:** ChatGPT, Grok 3, Claude Sonnet 3.7, Gemini
- **Prompt Engineering:** Crafting and refining prompts for AI tasks, summarization, coding, and chatbot applications
- **Data & ML Foundations:** Exploratory data analysis, basic ML modeling, data visualization
- **Dev Tools:** Git, GitHub, Google Colab (Jupyter Notebook), VS Code

## COGNITIVE & LEARNING SKILLS

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- **Adaptability:** Comfortable adopting new tools, frameworks, and methodologies quickly
- **Deep Work Discipline:** Practicing focused, distraction-free learning (inspired by Cal Newport)
- **Mathematics:** Building fluency in Calculus, Linear Algebra, and Statistics for ML/AI modeling
- **Lifelong Learner:** Consistent habit of independent learning and self-guided project development

## ADDITIONAL

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- **Learning Platforms:** DataCamp, YouTube
- **Language:** English (Professional working proficiency) and Filipino (Native or bilingual proficiency)