John Mike Asuncion

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EDUCATION

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES   *Manila, Philippines*
Bachelor of Science in Computer Engineering   *2024 - 2028*
College of Engineering
1st Year

ST. THERESE OF ROSE SCHOOL, INC.   *Caloocan, Philippines*
Science, Technology, Engineering, and Mathematics   *2022 - 2024*
Senior High School

ACTIVITIES

GENERAL ENGINEERING AND SCIENCES QUIZ BEE   *CEA Building, Manila, Philippines*
ACCESS • Polytechnic University of the 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   *ING Hubs, Makati, Philippines*
GDSC PLM • Pamantasan ng Lungsod ng Manila   *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   *Faura, Quezon, Philippines*
AMS • Ateneo de Manila University   *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 *Stats, Quezon, Philippines*
UPSS • University of the Philippines Diliman *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 *Manila, Philippines*
GDG on Campus PUP • Polytechnic University of the 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

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**.

THE PUSO PROJECT
Data Engineering Pilipinas • https://www.thepusoproject.ph/
- Contributing to **Squad 5** of The Puso Project (TPP), applying the 70-20-10 learning model through hands-on community work, collaboration, and formal learning to create meaningful impact.

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

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

A BETTER CHANCE FOUNDATION
Scholar   *Oct 2024 - Present*

DATA ENGINEERING PILIPINAS
Community Member, The Puso Project Developer   *Apr 2025 - Present*

SCHOOL ORGANIZATIONS

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

- **Programming**: Python, NumPy, Pandas, Matplotlib, Seaborn
- **AI Tools & Platforms**: ChatGPT, Grok 3, Claude Sonnet 3.7
- **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

- **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

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