



# Janzen Christian Aguila

## Developer

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I am a dynamic developer with over 2 years of experience, excelling as an AI-enabled automation Consultant. I implement advanced automation solutions using UiPath and Power Automate to optimize business processes. With a strong background in web development, including API integration and database management, I am adept at enhancing application functionality and efficiency for diverse clients. As a graduate of the University of the Philippines Los Baños with a BS in Computer Science, I combine technical proficiency with a passion for continuous learning and innovation. Outside work, I enjoy music, gaming, and exploring new technologies, balancing professional ambitions with personal interests.

## Work Experience



### AI-Enabled Automation Consultant

Ernst & Young Global Delivery Services, Inc.

February 2023 to Present

- Implemented automation solutions using UiPath and Power Automate, enhancing operational efficiency; obtained UiPath and Microsoft certifications.
- Developed a LeanIX data extraction app using NodeJS and GraphQL, and separately engineered a GDPR-compliant automation using UiPath and GraphQL for data anonymization, boosting data management and compliance.
- Engineered innovative proof of concepts for AI-driven chatbots and data visualization, leveraging Kore.AI, Azure Data Factory, Databricks, and PowerBI.



### Associate Developer

GMA New Media, Inc.

November 2021 to January 2023 (1 year, 2 months)

- Developed back-end and front-end modules, integrating third-party logins and payment systems for major clients.
- Customized Odoo framework functionalities to align with specific client and management requirements.
- Collaborated with managers, designers, and testers to refine development workflows, documentation, and code repository maintenance.



### Software Developer Intern

Institute of Computer Science, UPLB

June 2019 to July 2019 (1 month)

- Upgraded Mt. Makiling's biodiversity database from CodeIgniter to NodeJS, React, and MySQL, enhancing system performance and user interface.
- Implemented key backend features, including Google login integration, to improve application accessibility and security.
- Worked alongside biological science students and other developers to ensure data integrity, contributing to a published paper on Academia.edu.

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## Education History



Bachelor of Science in Computer Science  
University of the Philippines Los Baños  
Class of 2021



High School Diploma  
Mater Dei Academy  
Class of 2015  
Head News Editor - Official Campus Journal

## Publications



Updating of Makiling Biodiversity Information System (MakiBIS) and Analysis of Biodiversity Data

Academic paper for the MakiBIS application  
Available online at [Academia](#)  
2019

## Organizations and Affiliations



UP Senta Ongaku Manga Anime Soshiki (UP SOMA Soshiki)

- Alumni - 2021 to Present
- Publicity Committee Head - 2018 to 2020
- Member - 2018 to 2021



Alliance of Computer Science Students UPLB (ACSS UPLB)

- Alumni - 2021 to Present
- Developer - 2018 to 2021

## Skills

<u>Programming Languages</u>	<u>Back-End Development</u>	<u>Automation Tools</u>	<u>Version Control</u>	<u>Frameworks and Libraries</u>	<u>API Tools</u>
<ul style="list-style-type: none"> <li>• C</li> <li>• C#</li> <li>• CSS</li> <li>• HTML</li> <li>• Java</li> <li>• JavaScript</li> <li>• Kotlin</li> <li>• PHP</li> <li>• Python</li> <li>• R</li> <li>• VB.Net</li> <li>• XML</li> </ul>	<ul style="list-style-type: none"> <li>• CodeIgniter</li> <li>• Express.js</li> <li>• Node JS</li> <li>• Next.js</li> </ul>	<ul style="list-style-type: none"> <li>• Microsoft Power Automate</li> <li>• UiPath</li> <li>• UiPath Orchestrator</li> <li>• UiPath Studio</li> </ul>	<ul style="list-style-type: none"> <li>• Git</li> <li>• Gitlab</li> <li>• Github</li> <li>• BitBucket</li> </ul>	<ul style="list-style-type: none"> <li>• Odoo</li> <li>• Phaser 3</li> </ul>	<ul style="list-style-type: none"> <li>• Postman</li> </ul>
	<u>Front-End Development</u>	<u>Cloud &amp; DevOps</u>	<u>Project Management</u>	<u>APIs and Integrations</u>	<u>Methodologies</u>
	<ul style="list-style-type: none"> <li>• Bootstrap</li> <li>• React JS</li> </ul>	<ul style="list-style-type: none"> <li>• Amazon AWS</li> <li>• Azure Data Factory</li> <li>• Azure DevOps</li> <li>• Databricks</li> </ul>	<ul style="list-style-type: none"> <li>• JIRA</li> <li>• Confluence</li> <li>• Trello</li> </ul>	<ul style="list-style-type: none"> <li>• GraphQL</li> <li>• Kore.AI</li> <li>• ChatGPT</li> <li>• Paymongo</li> </ul>	<ul style="list-style-type: none"> <li>• Scrum</li> <li>• Kanban</li> </ul>
	<u>Databases</u>		<u>Operating Systems</u>	<u>Business Intelligence Tools</u>	<u>Graphics Software</u>
	<ul style="list-style-type: none"> <li>• MongoDB</li> <li>• MySQL</li> <li>• PostgreSQL</li> <li>• SQL Server</li> </ul>		<ul style="list-style-type: none"> <li>• Linux</li> <li>• Windows</li> <li>• Citrix</li> </ul>	<ul style="list-style-type: none"> <li>• PowerBI</li> </ul>	<ul style="list-style-type: none"> <li>• Adobe Photoshop</li> <li>• Medibang Paint</li> </ul>
					<u>Video Editing Software</u>
					<ul style="list-style-type: none"> <li>• Adobe After Effects</li> <li>• Adobe Premiere</li> </ul>

## Projects

### H&M Sweden Automation Use Case Development (December 2023 - Present)

- Developed and deployed UiPath automation processes for report generation, item updates, and GDPR-compliant data cleansing; integrated Centra's GraphQL API and managed Azure DevOps deployment, providing client support during the hyper-care phase.

### Advanced Travel Insurance Chatbot using Kore.AI and ChatGPT integration (October 2023 - December 2023)

- Trained on Kore.AI to develop a travel insurance chatbot utilizing ChatGPT for personalized responses; created a PDF-to-text API and collaborated on a demo showcasing the platform's potential to company leadership.

### EY Australia LeanIX Data Extraction and Reporting System (August 2023 - October 2023)

- Engineered the backend of a web application to extract data from a client's LeanIX environment using GraphQL API; produced reports in LaTeX and collaborated closely with the Australian client to address immediate action items.

### Data Engineering Reporting (July 2023 - August 2023)

- Trained on Microsoft Azure, focusing on Azure Data Factory and Databricks, to create a proof of concept; implemented ETL processes, utilized PowerBI for data visualization, and generated comprehensive dashboards showcasing cleaned data and statistics.

### Mercury Extract - Pending Timesheet Report Data (May 2023 - August 2023)

- Developed a Power Automate process with a teammate to extract and report employee time log deficiencies to individuals and their supervisors; continuously refined the process based on feedback from the client department, created detailed documentation, and provided ongoing support for future improvements.

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## Projects

### EY Philippines Badge Tracking System (March 2023 – May 2023)

- Trained on UiPath to deliver industry-standard automation and a proof of concept for certification readiness; engineered a process to extract and analyze employee compliance data from PowerBI, and collaborated on process improvements and client requirement adjustments.

### Ayala Sureseats Theater Booking Application (April 2022 – January 2023)

- Engineered the online payment structure using Paymongo's API; developed and debugged key website features including search, guest login, and seat map control, enhanced UI, and backend API functions, and provided troubleshooting support for the existing Content Management System.

### POS System for Meken Food Corporation using Odoo (November 2021 – January 2023)

- Modified and enhanced a point-of-sale system on the Odoo platform to include new functionalities compliant with BIR regulations; collaborated with quality assurance and project management on report generation and debugging, and customized the user interface based on client requests.

### TextSimEngine: A text-based game engine for the web (August 2019 – May 2021)

- Developed a web application for a university project that facilitated the creation of text-based games without extensive coding; authored a paper analyzing the project's impact on users with no prior coding experience.

### MAKIBIS – Makiling Biodiversity Information System (June 2019 – July 2019)

- Served as a back-end developer for a CodeIgniter web application managing the Makiling biodiversity database; enhanced features including Google login integration, collaborated on front-end design and integration, and worked with biological sciences students to ensure data integrity, culminating in a published paper on Academia.edu.

## Certifications

- Microsoft Certified: Azure Data Fundamentals (DP-900)
- EY Intelligent Automation - Bronze (2023)
- Microsoft Certified: Power Platform Fundamentals (PL-900)
- UiPath Certified Professional Advanced RPA Developer (UiARD)
- Google IT Support Certificate
- Civil Service Examination Passer-Professional Level
- Civil Service Examination Passer-Sub Professional Level

## References

Available upon request