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ABOUT ME

Back-end focused engineer with **3 years** of experience building production-grade **web apps, microservices, automation pipelines, and AI-assisted features**. Skilled in **Node.js, TypeScript, Python, SQL/NoSQL**, AWS, and LLM integrations, with hands-on exposure to **clinical data workflows** such as HL7 and HIPAA-compliant systems.

SKILLS

Advanced	Javascript/Typescript, NodeJS, React, Angular, HTML & CSS, MySQL, MongoDB, PostgreSQL
Intermediate	Python, OpenAI, Ollama, PHP, Java, CI/CD Pipelines, VPS, React Native, Svelte, Ionic
Tools	GitHub, Postman, Jenkins, Cloudflare, AWS, Upcloud, GCP, Figma, Office Suites

WORK EXPERIENCE

Mid-level Application Developer — Aug 2025 - Dec 2025
Theoria Medical — *Michigan, United States*

- Led major improvements to the external data extraction pipeline by implementing strict data validation, retry logic, and error-handling enhancements—**reducing invalid data by 99%** and lowering manual review work by **over 50%**.
- Automated high-volume recurring tasks using **Google Apps Script**, **Python**, and **mongosh**, covering report generation, API sync jobs, and database migration fixes—achieving a **95% reduction in manual operational workload**.
- Built and parsed **HL7** message payloads for billing, insurance, and patient-information integrations, gaining strong familiarity with medical data workflows and ensuring all implementations adhered to strict **HIPAA** compliance requirements.
- Collaborated with cross-functional clinical and engineering teams to diagnose data inconsistencies, refine validation rules, and improve system reliability across multiple microservices dealing with sensitive medical information.

Full-Stack Engineer — Jan 2025 - Apr 2025
Chirp - AI Sales Agent — *Sydney, Australia*

- Developed robust **API connectors** for Hubspot, Salesforce, and calendar services, enabling seamless multi-source **lead enrichment** and boosting **sales team efficiency**.
- Contributed to LLM pipeline improvements, **integrating OpenAI APIs** with custom data scrapers to **enhance lead qualification accuracy** and the **generation of actionable AI insights**.
- Used and familiarized **Amazon(AWS) tools** in investigating and fixing user-facing bugs.
- Maintained and enhanced microservice-based applications by fixing critical bugs and shipping new features including a **multi-step user onboarding flow** that reduced drop-off rates and **significantly improved** time-to-activation.

Back-End Developer — Dec 2022 - Dec 2024
FixTman LLC — *Texas, United States*

- Led development of FixTman Admin Dashboard, implementing **user access controls** and **centralized application logging**, which accelerated **bug detection and improved system monitoring**.
- Developed **real-time chat and push notification** features for the technician app, streamlining **employee communication** and ensuring timely **information delivery** on the job.

- Designed and developed FixTman's **dynamic booking system** featuring complex pricing rules, eliminating redundant manual product/service updates and **reducing operational overhead**.
- Designed and developed **data models, API endpoints, and third-party webhook** integrations while also creating **comprehensive technical documentations**.
- Implemented **CI/CD pipelines** to automate testing, deployment, and delivery processes, ensuring seamless integration of all company **software updates and enhancements**.
- Actively collaborated with the frontend team, **providing hands-on assistance** and **guidance** in writing code for **web and mobile applications**.

IT Software Programmer   Jul 2022 - Dec 2022
Salbaek Technology Group   *Tinglev, Denmark*

- Delivered **comprehensive IT technical support** to company staff, ensuring uninterrupted workflow.
- Transformed **technical documentation and legacy softwares** into fully functional backend and frontend projects, overseeing development to completion.
- Regularly conducted weekly **system and database backups** to ensure **data integrity and security**.
- Identified and resolved bugs on ecommerce web applications to enhance **user experience and ensure seamless functionality**.
- Developed and implemented processes to directly **generate reports from the database**, enabling data-driven decision-making and insightful analysis.

Tech Intern   Jun 2021 - Jul 2021
Pandalivery   *Naga City, Philippines*

- Presented a startup application concept to address the challenges of job hunting in Naga City.
- Pioneered the pandalivery internship program, providing opportunities for hands-on learning and professional development.

IT Immersion Trainee   March 2018
Nueca Inc.   *Naga City, Philippines*

- Conducted testing on various e-commerce applications and reported identified bugs for resolution.
- Assisted multiple clients with installing and configuring applications, providing technical support and guidance.

EDUCATION

Bachelor's degree in Computer Science, Ateneo de Naga University   2018 - 2022

TVL-ICT, Programming, Camarines Sur National High School   2016 - 2018

OTHER PROJECTS

SnapsPH Website   Jan 2024 - Dec 2024
Full-Stack Development, Wordpress, PHP

- A web-based photographer booking platform for events such as birthday, wedding etc. A first-ever platform for photographers to share and connect their work all over Philippines.

Pandemification   Aug 2021 - Aug 2022
Full-Stack Development, Firebase, ReactJS

- A web application that gamifies the online learning of novice programming students for Senior Thesis.

Plague Invasion   Aug 2021 - Nov 2021
Mobile Development, Godot Engine

- a 2D android shooting game built with Godot to be presented for a software festival. The main objective of the game is to survive waves of viruses that enters the human patient and then save them by utilizing nanotechnology.