ELIJAH ABGAO

Software Engineer

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Linkedin | **GitHub** | **Portfolio**

EDUCATION

AMA Computer College   Cagayan De Oro, Philippines
Computer Science Bachelor   August 2018 - June 2023
GPA: 3.5

EXPERIENCE

Spek | Software Development Lead   Brisbane, Queensland, Australia | July 2021 - February 2024

I lead the upkeep and advancement of essential API infrastructure and drive enhancements in performance for various platforms. Engineering a specialized Domain-Specific Language (DSL) for Stripe integration is one of the notable accomplishments, as it has simplified internal payment processing workflows.

Give N Get | Software Engineer   Australia | August 2021 - December 2023

Successfully led the migration of a Django-based system to Laravel, ensuring seamless transition while maintaining application integrity. Architected and implemented a high-performance CRON service capable of handling massive user loads, demonstrating expertise in scalable background processing solutions.

Access - ChangeGPS | Software Engineer   Level 2 527/535 S Pine Rd, Everton Park QLD 4053, Australia | March 2024 - October 2024

Built the API infrastructure by implementing HonoTS for high-performance, lightweight API services, coupled with BullMQ for robust job queue processing. Engineered sophisticated document management solutions including a next-generation Blueprint system using Draw.io's maxgraph technology and an advanced letter merge functionality for document automation. Progressive web optimization through the implementation of client-side caching strategies using IndexedDB, significantly improving application performance and offline capabilities. My focus lies in transforming legacy systems into modern, scalable architectures while maintaining high performance and reliability.

Huawei/Smart Telecoms | Associate Systems Administrator   Philippines | August 2019 - December 2019

Associate Systems Administrator with experience collaborating with network teams to deliver high-quality service solutions. Proficient in implementing VoIP and CTI applications while managing complex customer integrations. Demonstrated expertise in network infrastructure, including cable installations and system configurations. Strong background in diagnosing and resolving technical issues, coupled with hands-on experience in preventive maintenance and equipment repairs.

Department of Information and Communications Technology | Equipment Installer   Philippines | March 2018 - June 2018

Equipment Installer for system component preparation and wireless equipment installation in public spaces. Demonstrated expertise in following safety protocols while operating various tools and machinery. Skilled in systematic troubleshooting and diagnostic procedures to resolve equipment malfunctions. Successfully managed end-to-end installation processes from initial layout to final implementation.

SKILLS

Programming Languages:	Javascript, TypeScript, Python, C#, Lua
Libraries/Frameworks:	ReactJS, NodeJS, ExpressJS, Flask, Django, Laravel, Beautiful Soup, Pytorch, Tensorflow, Svelte, Vue, Angular
Tools / Platforms:	Git, Mercurial, Docker, Podman, Kubernetes
Databases:	Postgres, MySQL, Oracle DB

PROJECTS / OPEN-SOURCE

Coffee Beans Identifcation | Link   *Python*

A shortlived research for Nescafe

Video Proxy Server | Link   *HTML, JavaScript*

A Node.js proxy server that handles video streaming with proper range request support. This server allows you to stream videos that require specific headers while supporting full video player functionality including seeking and buffering.

The Wash | Link   *Svelte, TypeScript, CSS, JavaScript, HTML*

An Anime and Cartoon streaming app that scrapes data from various sources

Python Learning Resources | Link   *Python*

Document Converter Lib | Link   *C#*

A document converter library for converting DocX files to PDF without Microsoft Office Interop

M3U8 Cors Proxy | Link   *Python, Dockerfile, Procfile*

A simple Python proxy server that adds CORS headers to M3U8 playlist files. It allows you to bypass CORS restrictions when playing M3U8 playlists in browsers.

Capacitor NFC | Link   *Java, TypeScript, Swift, JavaScript, Ruby, HTML*

A capacitor plugin for handling NFC connections on both IOS and Android

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CERTIFICATIONS

- Frontend Developer (React) Certificate - **HackerRank**
- Software Engineer Certificate - **HackerRank**
- EF SET English Certificate - **EF SET**
- JavaScript (Intermediate) Certificate - **HackerRank**
- SQL (Advanced) Certificate - **HackerRank**
- Rest API (Intermediate) Certificate - **HackerRank**