Marvin Ronquillo

Software Engineer

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Software Engineer with **4+ years** of experience developing high-quality applications. Now exploring **AI**, leveraging models like **OpenAI**, **Llama 3**, and **other advanced AI models**, along with **Retrieval-Augmented Generation (RAG)**, to enhance application functionality and unlock new possibilities in AI-driven solutions.

SKILLS

- **Frontend:** React, Next, TypeScript/Javascript, Tailwind CSS, ShadCN/UI, SCSS/SASS, Framer Motion
- **Backend:** Node, Express, TypeScript, Socket.io, Bun, Hono
- **Databases:** MongoDB, MySQL, PostgreSQL, Prisma, Mongoose
- **Cloud Tools:** AWS, Docker, Git, GitHub, GitLab, Azure Repos, GitHub Actions, Nginx, Vercel, Redis
- **Project Management:** Jira, Confluence, Monday.com, Azure Boards
- **Other Skills:** SEO, Figma, JWT, Redux Toolkit, Swagger, OpenAI, Llama, Google APIs, Linux, Jest, Cron Jobs

WORK EXPERIENCE

Software Engineer   09/2024 - 11/2024
Career Edge LLC   United States - Remote
- Optimized APIs, improving response times by 90%, and resolved critical bugs, ensuring seamless user experience and system stability.
- Built scalable solutions using Next, Nest, TypeScript, Node, MongoDB, and Docker, following Agile methodologies while collaborating with global teams via Git, Jira, Google Chat and Confluence.

Software Engineer   06/2022 - 03/2024
Lightweight Solutions   Philippines - Hybrid
- Developed and optimized CRM systems, microsites, and web applications, leveraging React, Next.js, Tailwind, TypeScript, Node.js, Express, and ANT Design for seamless performance.
- Managed databases and deployments using MongoDB, MySQL, PostgreSQL, AWS, and Vercel, while automating processes with Cron jobs and integrating Oracle NetSuite API and Google APIs.
- Implemented API documentation using Swagger, improving development workflow and integration efficiency.
- Mentored junior developers, and handled AWS billing and domain management (Cloudflare, Namecheap).
- Collaborated via Git and Monday.com within Agile methodologies to ensure efficient project tracking and teamwork.

Consultant Software Engineer   03/2023 - 04/2023
Airfi Networks Services Limited   United Kingdom - Remote
- Developed a marketing website with interactive animations using Next, Tailwind CSS, Framer Motion, and TypeScript, ensuring a smooth and engaging user experience.
- Enhanced user engagement with a chatbot and streamlined project management using Azure Boards and Azure Repositories within Agile methodologies.

Front End Developer   12/2021 - 06/2022
Real IT Consulting Corporation   Philippines - Remote
- Designed marketing materials, manuals, and brochures using Figma, attracting more clients by serving as proposal prototypes.
- Built and maintained WordPress sites using Elementor, JavaScript, CSS, and Bootstrap.
- Managed an e-commerce platform, ensuring smooth operations and updates.

FREELANCE EXPERIENCE

BargainHub   04/2024 - 07/2024
Software Engineer   New Zealand - Remote
- Developed an e-commerce website using BigCommerce and integrated custom forms.
- Implemented custom design features using JavaScript and CSS to enhance user experience.

Freelance Project   01/2022 - 07/2022
Software Engineer   Philippines - Remote
- Built a web app for auto shops with transaction and service management features.
- Developed the frontend using React, TypeScript, Redux Toolkit, and Material UI.
- Ensured a responsive UI and managed projects using Microsoft Azure Boards and Azure Repo.

ProHustlin   11/2021 - 05/2022
Software Engineer   Canada - Remote
- Developed a blog site with a responsive design using JavaScript, CSS, and Bootstrap for a seamless user experience.
- Managed the domain through Namecheap and hosted the application on GitHub Pages.
- Trained the client to independently manage and update blog content.

Saint Lizzie   08/2020 - 11/2021
Software Engineer   Dubai - Remote
- Developed a website and web app with an intuitive interface for publishing blogs and vlogs.
- Integrated recipe sharing and product display features to enhance user engagement.
- Managed the domain via Namecheap and ensured reliable hosting with HostGator.
- Used JavaScript for interactive elements and PHP for backend functionality, enabling dynamic content and user interactions.

AWARDS

MVP of the Year   Lightweight Solutions - 2022
Recognized as MVP for developing lightweight solutions that enhanced efficiency and performance. Demonstrated leadership, problem-solving, and technical expertise, driving innovation and delivering impactful results.

ACHIEVEMENTS

Impact 2050 Hackathon   University of Cordilleras - 2020
Participated in the hackathon focused on innovative solutions for future impacts.

9th I.T. Skills Olympics Hackathon   University of Makati - 2019
Participated in the university's annual IT-focused competition.

KOMUNIKATHON, 1st Inter-school Digital Hackathon   Sta. Mesa, Manila, Philippines - 2019
Participated in the 1st Inter-school Digital Hackathon at the Communication Foundation for Asia.

EDUCATION

Bachelor of Science in Information Technology   2018 - 2024
Major in Web Development   Incomplete – 1 semester remaining

LATEST PERSONAL PROJECTS

ChangePulse
GitHub
Designed and developed a system with an audit log for user accountability, automated email reminders for inactive account updates, email notifications for status changes, an approval system for requests, basic analytics for user insights, reCAPTCHA for security, caching and API limiting for performance, and a user management system with secure authentication and role-based access.

X8T
[NPM](NPM)
Developed an npm package for streamlined error handling in synchronous and asynchronous functions, enhancing application stability and reducing code complexity.