

Gia Hanh Nguyen

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Experience

AI Trainer, DataAnnotation – Remote Part-Time April 2024 – Present

- Audited and tested multimodal AI-generated code in Java, Python, JavaScript, and C# for accuracy, clarity, and adherence to rubric standards, identifying edge cases to improve output quality
- Provided detailed feedback to refine model-generated code, improving efficiency, readability, and compliance

Full Stack Developer, Human's Hub – Remote June 2024 – December 2024

- Built a media room reservation system with React-based interactive seat selection and Node.js-powered APIs for booking, payments, and seat availability, eliminating manual booking errors
- Designed and implemented the database schema using PostgreSQL to ensure efficient data storage and retrieval. Integrated Java for backend operations and deployed the system on Heroku, enabling reliable performance and scalability
- Integrated PayPal and Stripe for payment handling, configuring gateways to support credit card transactions
- Developed an admin dashboard to manage payment processing, incorporating functionalities to process refunds, manage bookings, and automate email notifications. Optimized administrative tasks and improved operational efficiency

Web Developer, The Royal Alberta College – AB August 2022 – April 2024

- Developed and maintained two e-learning platforms with WooCommerce and LearnDash, supporting 40+ courses and 12,000+ student enrollments
- Integrated partner registration processes into our platform using external APIs and AWS Lambda, enabling seamless student enrollment and certification for partner courses directly on our site, driving a 40% increase in partner course registrations
- Optimized AWS architecture with load balancing and auto-scaling to handle high traffic. Directed site migrations achieving seamless transitions with zero downtime
- Built a LearnDash management dashboard to track enrollments, monitor completions, and generate downloadable course certificates and reports. Integrated WordPress API for authentication and implemented SQL queries for efficient data retrieval

Skills

JavaScript, TypeScript, Python, Java, SQL, MySQL, NoSQL, React, Redux, Angular, Node.js, AWS (Lightsail, EC2, Route 53, RDS, S3, Lambda, IAM, CloudFront, CloudWatch), PHP, Material-UI, Tailwind CSS, Bootstrap, Ionic, jQuery, NumPy, Pandas, , Firebase, Docker, Git, Selenium, Tableau, RESTful API, API Integration

Education

University of British Columbia – B.Sc. in Computer Science May 2022

- GPA: 3.80/4.00
- Awarded Deputy Vice-Chancellor Scholarship

Projects

CyclopediApp github.com/lilmergo/CyclopediApp

- Built a Progressive Web Application (PWA) using Angular and Ionic, enabling users to browse interactive and annotated articles, track reading progress, and log and score their environmental activities with the Eco Tracker feature
- Integrated Firebase for hosting, real-time database management, user authentication, article management, and progress tracking through Angular services and API calls

Social Media Clone - PawBook github.com/lilmergo/PawBook

- Created a social media platform for pets using React and Material-UI for modern, responsive styling
- Implemented key features including posts with attachments, likes, nestable comments, user profiles with add friends functionality, and save and view saved posts
- Utilized Firebase with a NoSQL database for data storage and Firestore for attachment storage