TRẦN NGUYỄN HƯNG

Address: 175/9 Le Hong Phong, District 5, Ward 3, Ho Chi Minh City, Vietnam
Phone: (+84) 763533833 | **Email:** trannguyenhung011086@gmail.com
LinkedIn: linkedin.com/in/trannguyenhung

CAREER OBJECTIVE

Passionate software developer with a focus on backend development, specializing in Node.js and TypeScript. With a background in quality assurance, I aim to leverage my experience to build reliable, scalable systems while continuously learning new technologies. I am eager to contribute to innovative teams and grow as a T-shaped developer.

PROFESSIONAL SKILLS

- Backend Development: RESTful and GraphQL APIs with Node.js (Express, TypeScript)
- Cloud Platforms: AWS (Lambda, SNS), Google Cloud (Functions, Pub/Sub, Cloud Run)
- Databases:
    - MongoDB (Transactions, Change Streams)
    - PostgreSQL (Transactions, Advisory Locks)
    - Redis (Caching)
- CI/CD & Automation: GitHub Actions, CircleCI, Heroku
- Infrastructure as Code: Pulumi, Terraform
- Monitoring: Kibana, Sumologics, Sentry
- Testing & QA: Jest, Mocha, Cypress, Selenium, Robot Framework, K6 (Load Testing)
- Frontend (Basic): React, Vue.js (Nuxt, Bootstrap Vue)
- Agile Workflows: Scrum, Kanban
- Collaboration skills to work across multiple teams with different stakeholders

DEVELOPER EXPERIENCE

Skutopia — Software Developer *August 2022 – September 2024*

Skutopia is an Australian startup providing order fulfillment solutions for eCommerce businesses.

- Developed and maintained backend microservices using Node.js (Express, TypeScript), deployed on Google Cloud (Cloud Run), ensuring system scalability and improving overall reliability.
- Collaborated on the design and implementation of Hasura GraphQL API, ensuring high-performance data querying and smooth business workflows.
- Implemented Event Driven patterns using Google pub/sub features combined with transactional outbox & inbox patterns to ensure robust processing of business events.
- Integrated external services such as ShipEngine, Stripe, and Shopify, enhancing the platform's logistics, payments, and eCommerce functionalities.
- Actively contributed to the development of frontend features using React, improving the user experience and addressing key business requirements.
- Streamlined deployment and infrastructure management using Pulumi, supporting a DevOps approach to maintain continuous delivery pipelines.
- Worked with low-code solutions like Retool to build and maintain back office applications for internal usage.

Makini — Software Developer *August 2021 – August 2022*

Makini is a US startup providing a universal API solution for industrial maintenance and asset management systems.

- Designed and implemented an ETL service to extract and transform data from multiple sources like Airtable, Excel sheets, SQL databases, MongoDB into custom formats, reducing manual data handling and ensuring data consistency.
- Developed a back-office user interface using Vue.js and Nuxt.js, improving user accessibility to important operational data.
- Focused on enhancing data validation and error handling, providing more reliable data processing and reducing manual oversight.

Infina — Software Developer *August 2019 – August 2021*

Infina is a Vietnamese investment platform for mutual funds, savings, and certificates of deposit.

- Developed and maintained a GraphQL server with Express.js and TypeScript on AWS, improving data query efficiency and supporting new investment products.
- Integrated key third-party services such as FreshSale and SendGrid, automating customer communication and streamlining marketing efforts.
- Implemented AWS Lambda for serverless deployments, improving system scalability.
- Contributed to the infrastructure setup using Terraform, ensuring consistency and repeatability in cloud deployments.

QA EXPERIENCE

VinHMS — QA Lead *May 2019 – August 2019*

VinHMS provides hospitality management solutions under VinGroup.

- Led a team of QA engineers in testing a travel booking platform, ensuring smooth and reliable platform performance.
- Enhanced QA processes by integrating automated and manual test cases, helping the team identify and resolve critical issues more efficiently.

Leflair — QA Engineer *September 2018 – May 2019*

Leflair is an eCommerce platform offering flash sales.

- Performed manual and automation testing for both the customer-facing website and backend tools, ensuring a seamless user experience and smooth business operations.
- Developed and maintained automated test cases, helping to identify critical issues early in the development cycle.

AnyMind — QA Engineer *January 2018 – September 2018*

AnyMind is a platform for influencer marketing and media solutions.

- Led end-to-end testing for web and mobile applications, ensuring high product quality and a smooth user experience for influencers and clients.

GeoComply — QA Engineer *June 2016 – January 2018*

GeoComply provides geolocation compliance services for gaming, media, and payments.

- Conducted manual and automated testing for mobile and web applications, helping to maintain the integrity of geolocation services for various platforms.
- Focused on testing mobile SDKs and location spoof detection, improving overall system reliability and client satisfaction.

Lazada — Manual QC Engineer *March 2015 – May 2016*

Lazada is a leading eCommerce platform in Southeast Asia.

- Prepared and executed manual test cases for Lazada's web platform, ensuring smooth functionality across multiple regions.

JV-IT — Communicator & Tester *December 2012 – March 2015*

JV-IT developed browser-based games.

- Coordinated between clients and developers, ensuring project requirements were clearly understood and communicated.
- Executed manual testing for browser-based games, ensuring smooth gameplay and resolving user-reported issues.

EDUCATION

University of Pedagogy, Ho Chi Minh City, Vietnam, *2005 – 2009*

- Major: English Translation & Interpretation
- Average Score: 7.45/10

CERTIFICATES

TOEIC Certificate, *February 2011*

- Score: 975/990 (Listening: 495, Reading: 480)