

# Justin Ryan Valencia

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## EXPERIENCE

### Software Engineer III

- Focus Global Inc. February 2025 - Present, Bonifacio Global City, National Capital Region, Philippines
- Architected and developed a full-stack Warehouse Fulfillment App using **Next.js**, **React**, **TypeScript**, **Prisma ORM**, and **PostgreSQL**, serving 50+ premium brands and processing 300,000+ annual orders, resulting in 90 hours/month operational savings.
  - Built automated picking and packing integration using **AWS Serverless Stack (SST)** to deploy **Lambda Functions** with **TypeScript** and **Prisma**, connecting to Microsoft Dynamics AX system and achieving 100% automation of manual processes.
  - Developed paperless report checklist system with **Next.js** dashboard, **React Context API** for state management, and **TypeScript**-powered form validation, eliminating 960 minutes of daily scanning and reducing review cycles by 40%, saving ₱31,864.32 annually.
  - Implemented responsive UI design patterns utilizing **shadcn/ui** component library with **React hooks**, **TailwindCSS**, and **TypeScript** interfaces to ensure cross-platform compatibility and accessibility across warehouse management tools.
  - Containerized development environment with **Docker**, deployed applications through **GitHub Actions CI/CD** workflows to **AWS** infrastructure, and maintained **RDS PostgreSQL** databases.

### Software Engineer II

- Focus Global Inc. January 2023 - January 2025, Bonifacio Global City, National Capital Region, Philippines
- Migrated a legacy **C# .NET** internal customer service application to modern stack using **Next.js**, **React**, **TypeScript**, and **TanStack Query** for state management, resulting in zero-downtime deployment and 30% higher servicing capacity.
  - Built Project Management and Ticketing Modules with **React** components, **TypeScript**, and **shadcn/ui**, implementing drag-and-drop functionality with custom hooks, saving 66+ hours/month and improving project turnaround by 25%.
  - Optimized backend performance of Service Request Management System using **Flask SQLAlchemy** with **Python**, implementing efficient data structures and algorithms that improved response times by 80%.
  - Engineered Role-Based Access Control system with **Next.js**, **React**, and **TypeScript** type validation, integrating with Active Directory through **AWS Cognito** for enhanced security and streamlined access management.
  - Deployed services using **SST** framework to provision **AWS Lambda** functions, and implemented **GitHub Actions** pipelines for continuous integration and deployment.

### Software Engineer I

- Focus Global Inc. October 2022 - January 2023, Bonifacio Global City, National Capital Region, Philippines
- Upgraded internal logistics tools using **Next.js**, **React.js**, and **TypeScript**, creating reusable component libraries with **shadcn/ui** that saved 180 hours/month across the supply chain team.
  - Integrated Sennheiser brand portfolio into AX reporting systems by developing **React**-based dashboards with **TypeScript** and **React Query** for data fetching, improving strategic visibility across 23 department applications.
  - Maintained 95% SLA resolution compliance while supporting mission-critical systems built on **React**, **Next.js**, and **TypeScript**.
  - Collaboratively developed features in agile team environment using **Git** for version control, implemented **GitHub Actions** workflows for CI/CD pipelines, and utilized **Docker** containers for consistent development environments.

### C# Software Engineer Intern

- Netzwelt, Inc February 2022 - April 2022, Makati, National Capital Region, Philippines
- Developed **.NET** business applications with **C#** and incorporated **TypeScript** for front-end components, improving response time by 28% while reducing resource utilization.
  - Created 3 custom client-facing modules utilizing **React** components within **.NET** framework, implementing responsive design patterns with **TypeScript** and reducing manual workflow steps by 40%.
  - Refactored legacy code with modern **TypeScript** practices and **React** design patterns, reducing technical debt by 35% while maintaining backward compatibility.

## SUMMARY

Full-stack software engineer with 3+ years of experience specializing in React, Next.js, and TypeScript development. Proven track record of architecting and deploying scalable web applications with modern frontend technologies and AWS cloud infrastructure. Expert in component libraries like shadcn/ui and state management solutions including React Query and Context API. Passionate about creating high-performance user interfaces and optimizing backend systems to deliver exceptional business value.

## EDUCATION

### Bachelor of Science, Computer Science

- Minor in Data Science • Technological Institute of the Philippines • Quezon City, Philippines • 2022 • 3.82
- Awarded 3 years 80% scholarship due to grades.

## SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, TailwindCSS, shadcn/ui, React Query, React Context API

Backend: Node.js, Python, Flask, SQLAlchemy, Prisma ORM, C#, .NET

Cloud & Infrastructure: AWS (Lambda, RDS, EC2, S3), SST, Docker, GitHub Actions, CI/CD

Databases: PostgreSQL, MSSQL, MySQL

Tools & Methodologies: Git, NeoVim, Tmux, Agile, Scrum, DBeaver