

Steven Alexander Grant

Senior Programmer

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West Jakarta, Kebon Jeruk

Full-stack developer with 4 years of enterprise software engineering experience, including 2.5 years concurrently executing full-time roles while completing a Bachelor of Computer Science. Proven track record in delivering scalable, national-level government systems and academic platforms using Laravel, React, and .NET.

Working Experience

Senior Programmer At Bina Nusantara IT DIVISION

Apr 2026 – Present

- Engineered the BINUS Career portal utilizing React, .NET, and SQL Server to serve a 150,000+ alumni network, replacing fragmented email workflows with a centralized Applicant Tracking System (ATS) delivered across a 12-month Agile lifecycle.
- Architected a B2B checkout engine and dynamic voucher system handling complex constraints (quotas, product categories), alongside a ground-up integration of the SNAP VA BCA payment gateway utilizing mock-driven testing to ensure transaction integrity.
- Designed an asynchronous social media marketing scheduler utilizing Hangfire and the Meta API v24.0, enabling corporate partners to queue and automate the time-delayed publication of job listings.
- Directed technical execution for a 4-person engineering team, enforcing the Repository Pattern and SQL optimization via rigorous code reviews, and resolving critical UAT architectural blockers through targeted pair programming.

Programmer at Bina Nusantara IT DIVISION

Apr 2024 - Apr 2026

(Full-Time, Concurrent with Studies until April 2025)

- Engineered the Binus Alumni Dashboard using React, TypeScript, and .NET, delivering a 7-month end-to-end project featuring an Excel-driven bulk data processing engine with multi-stage approval workflows and ACID-compliant transaction management.
- Parachuted into a stalled cross-functional project (Student Violation module), rapidly onboarding to an unfamiliar React/.NET codebase to resolve critical, month-long architecture blockers within a one-week turnaround.
- Optimized CI/CD pipeline stability in GitHub Actions by profiling build processes and refactoring memory-intensive application code, eliminating pipeline build failures without requiring increased server hardware provisioning.
- Elevated team-wide engineering standards by leading React.js architecture workshops and enforcing rigorous pre-production code reviews, ensuring front-end stability and strict .NET backend security for a team of 5 developers.

(Full-Time Concurrent with University Studies)

- Delivered national-scale government systems (PILN & PISN) within aggressive 6-to-7-month lifecycles, driving all SDLC phases from initial Entity-Relationship Diagram (ERD) database design to UAT, Penetration Testing, and production deployment.
- Engineered an automated graduation eligibility engine utilizing Laravel, processing bulk data uploads and implementing background jobs to asynchronously sync 2.7M+ national student records with the PDDIKTI API center.
- Architected a secure, multi-tier Role-Based Access Control (RBAC) verification workflow (Verifier, Assessor, Director) to process foreign degree equivalencies.
- Ensured 100% on-time monthly release cycles by leading intensive debugging and code-review sessions for 7 associate developers, enforcing strict code cleanliness and architectural standards.

Education**Bina Nusantara University – Jakarta, Indonesia****Bachelor of Computer Science (2020 – 2025) | GPA: 3.84 / 4.00**

- Thesis: “Analysis and Development of an Application for the Digitalization of Companion Animal's Data Storage and Vaccination History”
- Specialized in Streaming Databases, Software Engineering, System Analysis, and Web Application Development.
- Graduated with high academic distinction.

Certification

- Docker and Kubernetes: The Complete Guide | In Progress (Expected Completion: Aug 2026)

Skills

- Programming Languages: C#, PHP, TypeScript, JavaScript, SQL
- Frameworks & Libraries: .NET, Laravel, React.js, Next.js, Node.js
- Databases: SQL Server, MySQL, PostgreSQL
- DevOps & Architecture: Git, GitHub Actions (CI/CD), Docker, Hangfire, RESTful APIs, SSL Configuration

Independent Projects**Lead Software Engineer | B2B Logistics Tracking Platform****Mar 2022 - Mar 2025**

- Engineered and maintained a live B2B fleet management web application utilizing Laravel and MySQL, delivering a mobile-responsive UI that enabled on-the-go operational tracking for 20+ active drivers.
- Digitized manual logistics workflows by building a centralized admin dashboard, providing real-time oversight of driver activities, mileage (ODO), fuel consumption, and toll expenses.

Languages

- Indonesian: Native
- English: Professional Working Proficiency