

# Gevork Manukyan

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## SUMMARY

Full Stack Software Engineer specializing in React, TypeScript, REST APIs, database-driven business applications, and end-to-end product development.

## EXPERIENCE

### SimplyRem

Dec 2024 – Present

*Full Stack Software Engineer*

*Burbank, CA*

- Architected and built a full-stack healthcare operations platform from scratch, used by 2 surgery centers and 100+ users to manage patients, surgeries, inventory, billing, credentialing, consent forms, and internal medical workflows
- Developed and maintained features across 6 client business systems supporting 500+ users, building production software for surgical centers, nonprofits, and small businesses
- Designed the React/TypeScript frontend architecture, API client pipeline, reusable PHP/React UI libraries, custom DataTable system, and standardized patterns powering nearly 100 business pages
- Built and integrated 200+ REST API endpoints and MySQL workflows across 300+ SQL tables supporting scheduling, billing, inventory, reports, credentialing, digital forms, and admin configuration
- Replaced legacy and paper-based workflows with configurable digital systems, using Playwright end-to-end tests to validate critical user flows and reduce duplicate entry, human error, manual coordination, and developer dependency

### New Business Systems, Inc.

May 2023 – Dec 2024

*Full Stack Software Engineer*

*Los Angeles, CA*

- Delivered 3 .NET 8 business applications with 215+ REST endpoints and 130+ relational tables deployed on Azure SQL
- Developed a multi-tenant ITC platform managing \$7M+ in credits and processing \$2M+ in sales through ASP.NET Core, Azure SQL, Dapper, and EF Core Identity workflows
- Optimized high-volume background services for 10K+ record syncs, reducing runtime from 10+ hours to under 1 hour through query tuning, batching, and parallelization
- Built Azure DevOps CI/CD pipelines and hardware-integrated POS features, including payment terminal and CloudPRNT integrations for distributed multi-location deployments

### Parker Meggitt

Jun 2022 – May 2023

*Backend Software Engineer*

*Simi Valley, CA*

- Built Python migration and validation pipelines transferring 200K+ legacy CMS files while preserving metadata, access controls, and data integrity

### MCO Platinum

Aug 2021 – Jun 2022

*Contract Software Engineer*

*Los Angeles, CA*

- Built a custom Next.js/TypeScript jewelry management platform from scratch, including an internal admin dashboard used daily to manage 1,000+ ring models and production workflows
- Developed 20+ pages across quoting, customization, production tracking, fulfillment, CAD validation, SKU generation, and dynamic pricing workflows
- Implemented PostgreSQL-backed backend services for ring versioning, automated SKU generation, material-based pricing, gemstone attributes, and workflow state transitions

### Course Hero

Jun 2021 – Aug 2021

*Full Stack Software Engineer Intern*

*Sacramento, CA*

- Led a 5-internt team to build a React, Node.js, Express, and PostgreSQL productivity platform, demoed to Course Hero engineers, interns, and mentors
- Built core workflows for task management, calendar scheduling, breadcrumb navigation, and embedded content, supported by 50+ REST API endpoints and Jest tests achieving 90% coverage

## PROJECTS

### Command of Nature | *Next.js, TypeScript, Express.js, Socket.io, MongoDB, AWS*

- Architected a server-authoritative multiplayer game engine using a modular finite-state machine to enforce deterministic gameplay and prevent client-side manipulation
- Built a real-time Socket.io layer with game lobbies, room-based sessions, synchronized state, and hybrid persistence using in-memory state management with MongoDB checkpointing
- Implemented JWT authentication using cookies and deployed decoupled engine, transport, and persistence layers on AWS

## EDUCATION

### California State University, Northridge

Northridge, CA

*Bachelor of Science in Computer Science, GPA: 4.00*

## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript, PHP, Python, Java, SQL, HTML/CSS

**Frameworks:** React.js, Next.js, React Native, Node.js, Express.js, ASP.NET Core, Jest, Playwright, Material UI, Bootstrap

**Databases & Tools:** MySQL, PostgreSQL, MongoDB, REST APIs, Git, GitHub, Docker, Azure DevOps, DigitalOcean, Claude