

KEVIN VON DUMKE

FULL STACK DEVELOPER | MULTIPLATFORM DEVELOPER

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PROFESSIONAL SUMMARY

Full Stack Developer with expertise in building high-performance, multiplatform web, mobile (iOS/Android), and desktop applications using Vue 3, React, TypeScript, Angular, Node.js, Express, and PostgreSQL. Proven track record in designing type-safe Prisma ORM database schemas, microservice/RESTful API architectures, and real-time state management systems. Combines software engineering discipline with cross-functional technical leadership, scalable system design, and product-focused execution.

TECHNICAL SKILLS

- Languages:** TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3/SCSS, C/C++
- Frontend and Web:** Vue 3 (Composition API), React, Angular, Pinia, RxJS, Vite
- Backend & APIs:** Node.js, Express.js, REST APIs, WebSockets, JWT Auth, Middleware
- Databases:** PostgreSQL, Prisma ORM (14-Model Relational Schemas, Migrations)
- Multiplatform and Mobile:** React Native / Expo, Capacitor, Electron, Cross-Platform Architecture
- DevOps and Deployment:** Git, GitHub Actions, Railway, Netlify, CI/CD Pipelines, Figma, Postman.

FEATURED SOFTWARE PROJECTS

Netlink – Full-Stack Social and Communication Platform | Vue 3, TypeScript, Node.js, Express, Prisma, PostgreSQL

Live Demo: net1link.netlify.app | GitHub: github.com/kevinvondumke/netlink-frontend (2026)

- Architected and Deployed:** Built a production-grade full-stack social platform supporting real-time messaging, feeds, and user privacy, modeling a 14-entity PostgreSQL database using Prisma ORM.
- Security and Moderation Engine:** Designed an Instagram-style silent enforcement system (Block, Mute, Report) using custom Express middleware (blockCheckMiddleware) for automatic cascading purges across relational tables.
- Performance Optimization:** Decoupled UI state using Pinia and Vue composables, reducing rendering friction and achieving a 40% reduction in chat navigation latency.
- Auth and CI/CD Pipeline:** Implemented JWT auth, CORS policies, rate-limiting middleware, and automated deployments via Vite to Netlify (Frontend) and Railway (Node.js/PostgreSQL DB).

Orbistore – Multiplatform E-Commerce Ecosystem (Deploying Q3 2026) | React, React Native, Node.js, TypeScript, Tailwind, Express

Target Platforms: Web Browser, Mobile (iOS / Android), Desktop (Electron)

- Multiplatform Architecture:** Engineering a cross-platform commerce ecosystem sharing core TypeScript business logic across Web (React), Mobile (React Native / Expo), and Desktop (Electron).
- State and Commerce Engine:** Built dynamic cart state management, elastic product search, and secure checkout flows handling persistent multi-session sync.

Medsoft – Clinical Health and Telemedicine System (Deploying Q4 2026) | Angular, TypeScript, RxJS, Capacitor

Target Platforms: Web Browser, Mobile (iOS / Android), Desktop Dashboard (Electron)

- Reactive Clinical Dashboard:** Architected a clinical health platform managing EHR records, patient appointments, and real-time vital metric visualizations.
- Asynchronous Data Streams:** Leveraged RxJS reactive event streams and Capacitor cross-platform runtime to sync real-time medical updates between desktop and mobile clients.

PROFESSIONAL AND TECHNICAL EXPERIENCE

Red Maker – Escuela de Robótica | Posadas, Misiones, Argentina

Institutional Lead and Campus Operations Supervisor (2024 - Present)

- Strategic and Operational Leadership:** Direct campus operations, technical curriculum pathways, student enrollment systems, and inter-institutional partnerships for robotics and automation programs.
- Team Management:** Lead and mentor a team of 4+ technical facilitators, driving technical project delivery, agile sprint planning and event execution.

Technical Facilitator and Embedded Systems Developer (2023 - Present)

- Industrial Automation System:** Co-led the end-to-end design and software development of an automated system project in collaboration with E.P.E.T.N.° 19, writing embedded C/C++ control software, designing PCB circuits, and custom 3D hardware components.
- Applied Engineering Training:** Structured practical training modules combining algorithm design, microcontroller programming and hardware-software integration.

EDUCATION

Universidad Empresarial Siglo 21 | Posadas, Misiones, Argentina

Licenciatura en Informática | Analista de Sistemas (Bachelor's Degree in Computer Science) (2020 – Present)

- Relevant Coursework:** Software Architecture, Data Structures and Algorithms, Systems Analysis and Design, Relational Database Management, Agile Methodologies (Scrum), Technological Project Management.