

DENNIS KUMAR

Product Technical Lead — Full-Stack TypeScript | React | Node.js | AI-Native Development
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PROFILE

Full-stack engineer with 8+ years taking complete products from architecture through production, not just owning a component inside someone else's system. I've designed and shipped a multi-country SaaS-style platform end-to-end (Next.js BFF, Node.js backend, PostgreSQL, Azure deployment across 7 country-domain instances, solo) at Morek IT, and owned a backend service from concept through a ~70% measured business impact at Ampwise. AI-assisted development is core to how I already work, not new territory: I use Cursor daily with a structured workflow - I set the architecture and constraints myself, let the agent execute within them, then review everything before it ships - and I've used MCP servers directly (Figma MCP, Supabase MCP) as part of real production work. I'm comfortable across the entire stack: frontend, backend, databases, deployment, and production reliability, and I've diagnosed and fixed real production issues end-to-end rather than waiting for a spec, including a real-money synchronization bug affecting ~30% of edge-case sessions at Yolo Group.

CORE SKILLS

- Full-Stack: React, TypeScript, JavaScript, Next.js, Node.js, Express, Fastify, PostgreSQL, REST, GraphQL
- Architecture & Ownership: System design, cloud infrastructure (Azure, AWS, Supabase), Docker, CI/CD pipelines, production reliability and monitoring
- AI-Native Development: Cursor (daily, structured/constrained workflow), MCP servers (Figma MCP, Supabase MCP), AI-assisted codebase exploration, implementation, debugging, and review
- Leadership: Technical direction-setting, ADRs, code review and mentoring, hiring/guiding engineers, cross-functional communication with management and product
- Testing & Quality: Jest, Vitest, React Testing Library, Cypress, Playwright, visual regression (Percy, Chromatic)

PROFESSIONAL EXPERIENCE

Senior Frontend Developer — DrHouse
Tallinn | April 2026 - Present | TeleHealth

- Generated a typed API client SDK from the backend's OpenAPI spec, keeping integrators automatically in sync with server contract changes.
- Used Figma MCP as part of an AI-assisted design-to-implementation workflow.
- Diagnosed and fixed a page-load performance issue caused by unpaginated, uncached API calls.
- Migrated a legacy vanilla JavaScript codebase to TypeScript; modernized build tooling (Webpack to Vite).

Stack: React, TypeScript, Vite, REST, OpenAPI, Figma MCP

Senior Frontend Developer — Yolo Group

Tallinn | March 2024 - April 2026 | iGaming

- Diagnosed a platform middleware sync issue causing false bet acceptance/rejection under real load (~30% of edge-case sessions); architected a Timers service (EventEmitter-based, centralized TimeSourceService) to resolve it end-to-end.
- Shipped 2 real-money casino game clients serving 5,000+ concurrent users, with sub-100ms UI consistency requirements under live load.
- Built a component library and design system standardized across a 10-developer team, documented via Storybook and ADRs.
- Led code reviews across 10 developers and mentored engineers at both frontend and API level; drove architecture decisions via ADRs.

Stack: React, TypeScript, Redux Toolkit, WebSockets, Docker, Playwright, Vitest

Senior Software Developer — Ampwise (Eleczip)

Tallinn | September 2021 - October 2023 | B2B E-commerce

- Took an AI-powered order/inquiry parsing feature (OpenAI integration) from concept to production, owning the backend end-to-end: a Node.js service handling server-side calls to a third-party API, containerized with Docker, deployed via serverless cloud functions.
- The feature eliminated manual data entry and cut procurement processing time by ~70%, becoming a core, load-bearing part of the product.
- Architected the frontend from zero - component library, state management, API contract patterns; mentored engineers at both frontend and API level.

Stack: React, TypeScript, Next.js, Node.js, Express, PostgreSQL, Docker

Full-Stack Developer (Freelance Contract) — Morek IT

Tallinn | August 2023 - February 2024 | Industrial E-commerce

- Designed and shipped a complete platform architecture end-to-end (Next.js BFF + Node.js backend, PostgreSQL) for 100+ sellers, tens of thousands of products, across 7 country-domain deployments - full technical ownership, not a component of someone else's system.
- Diagnosed and fixed a slow pricelist refresh affecting tens of thousands of products by moving it to an off-peak cron job.
- Owned Azure infrastructure and deployment solo across all 7 sites, including production reliability.

Stack: Next.js, Node.js, Express, TypeScript, PostgreSQL, Azure

React Developer — ERPLY

Tallinn | September 2020 - August 2021 | Retail SaaS

- Built the Invoices module from scratch within a micro-frontend architecture, owning data modeling, state management, and UI as an independently deployable unit.

Stack: React, TypeScript, Micro-frontends, Jest

Frontend Developer — Cocreators OU

Tallinn | June 2019 - October 2020

- Built features across web and mobile (React, Flutter, React Native) with a GraphQL/Apollo data layer, and backend services in FastAPI and MongoDB.

Stack: React, TypeScript, Flutter, React Native, GraphQL, Apollo, FastAPI, MongoDB

Frontend Developer — Norstat

Tallinn | July 2018 - June 2019

- Built and maintained survey tooling and data processing pipelines.

Stack: JavaScript, Python, Django, Node.js, Electron

SELECTED PERSONAL PROJECTS (full product ownership)

SlickBills - Fintech (active) - slickbills.com

Consumer fintech app for request-based invoicing, integrating Monerium (EU stablecoin settlement) and PSD2 sandbox APIs from SEB and LHV. Used Supabase MCP as part of an AI-assisted development workflow. Talked directly to users about pain points and adjusted product features based on their feedback.

Stack: Flutter, Supabase, Edge Functions, Node.js, React, Monerium, PSD2, Supabase MCP

Alertly - Government Tech (active) - getalertly.app

Hyperlocal safety alert platform, taken 0-to-1 into Play Store closed testing.

Stack: Flutter, Fastify, Supabase (PostGIS), Redis, BullMQ, Firebase Cloud Messaging

More at kumardennis.dev

EDUCATION

B.Sc. Integrated Engineering — Tallinn University of Technology (TalTech), 2018

LANGUAGES

English (fluent)