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## ABOUT

I am a full-stack developer with **6 years** of commercial experience, working in teams ranging from 2 to 40 members, both remotely and on-site. I have 2 years of **team leadership** experience managing the entire development cycle—from gathering product owner requirements to releasing a fully optimized web application with high test coverage, detailed analytics, and continuous integration/continuous deployment (CI/CD). I am an expert in building responsive, high-performance web solutions. In addition to my core front-end expertise, I have implemented several microservices in Go, including chat, authentication, and a caching layer. I am passionate about the evolution of ML/AI tools and stay up-to-date with the latest developments. In my free time, I enjoy learning Italian, building my personal brand by publishing YouTube videos on programming, and walking my dog.

## SKILLS

**Languages:** JavaScript/TypeScript, Go

**Cloud:** AWS, EKS, AppSync, DynamoDB, Firebase, Cloud Firestore

**Front End:** TypeScript, Next.js, React, Redux/Zustand, Redux-saga, RTK, Tanstack Query, Vite/Webpack.

**Front End Testing:** Jest, React Testing Library, Playwright

**CSS:** Tailwind, SCSS/PostCSS, Shadcn/UI, MUI/Mantine/Ant Design.

**Back End:** Node.js, TypeScript, Nest.js, PostgreSQL, ScyllaDB/Cassandra, Redis, Kafka

**Back End Testing:** Jest, NestJS Testing

**Tools:** Websockets, gRPC/GraphQL/REST, JWT, Docker/Docker Compose, GitHub Actions/Git, Jira/Confluence.

## WORK EXPERIENCE

### Playtika 2023/02 - 2025/02, 2 years

- Improved budget managers' performance by **64.8%** after a major refactoring of a monolithic application
- Integrated Websocket into review tool cutting budget planning costs by **24.2%**
- Added offline mode to the budget planning app reducing overall time spent while planning by **38.7%**
- Deployed Next.js budget planning app cutting costs by **26.4%**

**Technologies FE:** Next.js, React, Typescript, Redux, Redux-saga, Zustand, Jest/React Testing Library, Playwright, Ag-Grid

**Technologies BE:** Go, Websockets, Redis, Kafka, PostgreSQL

### Nearmap 2021/02 - 2023/02, 2 years

- Developer a service with **AI** features, improving application **average rating** to **4.74** (4.28 -> 4.74).
- Increased the amount of **test coverage** to **95.4%** (84.3% -> 95.4%)
- Integrated Playwright E2E reducing error rate by **38.4%**
- Optimised assets and application reducing initial load by **1.24s**
- **Team lead of 4 developers in a Scrum team**
- Improved UX with service **graceful degradation**

**Technologies FE:** Typescript, React, Redux, Redux-saga, Reselect, Docker, Vite, Vitest

**Technologies BE:** Nest.js, AWS/AppSync, DynamoDB, Prefect, Docker

### Netflix 2019/06 - 2021/02, ~2 years

- Developer WebRTC recording application improving in-house agents performance by **48.2%**
- Integrated UI tests and Typescript reducing the error rate by **27.8%**
- Optimised React modules and improved performance of agents by **17.2%**

**Technologies:** React, Next.js with SSR, WebRTC + Canvas, HTML/SCSS, Typescript

**Plarium 2018/01 - 2019/06, 1.5 years**

- Created online chat with **Websockets**
- Delivered a redesigned forum improving **players' reviews**
- Desktop App with Electron: Creating and maintaining React modules, setting up Routes.

**Technologies:** Typescript, Electron, React, Redux