

Marc Fors

AI Software Engineer

LLM & Agent Systems | React · TypeScript · Go

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PROFILE

Software engineer with 7+ years shipping enterprise web applications, now building complete products with LLM agents as the delivery team. I run Claude Code, Codex, Cursor and Grok against versioned standing rules, wire MCP servers and project skills into each repository, route each task to the right model, and gate everything they produce behind CI before it merges. Earlier: React, TypeScript and Angular at Dynatrace, CREALOGIX and T-Systems.

CURRENT WORK

AI Software Engineer | Fors Corp

Dec 2025 - Present | Barcelona, Spain | Independent practice

- Ship production-grade products end to end with an agent-driven workflow — 1,894 GitHub contributions in the past year; 315 pull requests (314 merged) across 13 repositories in the last 30 days.
- Run Claude Code, Codex, Cursor and Grok against shared standing rules (CLAUDE.md, AGENTS.md, GROK.md), with MCP servers and repo-scoped skills wired into each project, so several agents work one repository to the same conventions, grounded in real code and at lower token cost.
- Route work by cost of being wrong: small models for mechanical sweeps, mid-tier for bounded implementation, top-tier for architecture, root-cause debugging, security review and adversarial verification of other agents' output.
- Treat agent output as untrusted until proven: nine required status checks on main, CodeQL analysis, dependency auditing, accessibility and contrast tests, and automated dependency triage with publish-cooldown windows.
- Release continuously with Changesets — every merged change becomes a published version and a tag, no manual step.

SELECTED PROJECTS

LMaaS — Self-hosted model service on Apple Silicon: serves local models over an OpenAI-compatible API, so my applications call inference without a cloud provider, and trains and retrains ML models behind SemVer releases. Go API, React console.

Forsight — Two independently versioned artifacts from one tree: a Go agent that collects metrics, serves an HTTP API and embeds its own dashboard, with ML anomaly scoring, forecasts and optional LLM narrative; and the React/TypeScript component library it renders through, published as @fors-corp/forsight.

Fors Design System — Brand tokens plus 30 Radix-backed React components — dark/light theming, WCAG 2.1 AA, RTL, seven package entry points, co-located accessibility tests.

Agent Switchboard — Local operations desk for Claude, Codex, Cursor and Grok sessions: last prompt, git state, deploy health, encrypted environment vault, macOS menu extra. React, Express, Swift.

marcfors.com — Next.js portfolio in six locales — server tree with client islands, first-party Web Vitals, MDX case studies, static output with no unsafe-eval.

EARLIER EXPERIENCE

Software Engineer | Dynatrace

May 2022 - Nov 2025 | Barcelona, Spain

- Owned frontend features for Dynatrace Dashboards and Notebooks, moving from Angular into React and TypeScript, and built the shared library both products consumed.
- Led features from design through release; mentored new engineers, raised automated test coverage ~20% on a critical project and cut the integration-test suite to speed up Jenkins.

Software Engineer | CREALOGIX Group

May 2020 - May 2022 | Barcelona, Spain

- Enterprise Angular for retail and private banking products in Saudi Aramco's banking environment; reusable components inside a large shared framework, desktop and mobile.

Software Developer | T-Systems Iberia

Jun 2018 - Apr 2020 | Barcelona, Spain

- Java 7/8 services with Spring, Struts, REST APIs, Oracle and SQL Server for the Justice Department's judicial case-management system.

BUILD ACTIVITY

1,894 contributions in the past year

315 pull requests in the last 30 days

22 repositories active in September

46 public repositories

CORE SKILLS

AI & Agents

Claude Code, Codex, Cursor, Grok, MCP servers, agent skills, context and prompt design, per-task model routing, local model serving, anomaly scoring and forecasting, agent-assisted review

Frontend

React, TypeScript, JavaScript, Next.js, Angular, Tailwind, Radix UI, design systems, accessibility (WCAG 2.1 AA)

Backend & Systems

Go, Python, Rust, Node.js, Java, Spring, REST APIs, SQLite, Prisma, Drizzle

Quality & Delivery

Vitest, Playwright, React Testing Library, Storybook, GitHub Actions, CodeQL, Dependabot, Changesets, Jenkins

EDUCATION

Computer Engineering coursework

Universitat Oberta de Catalunya
2021 - 2022

Higher Technician in Multi-Platform Applications Development (CFGS - DAM)

Institut Joan d'Austria
2017 - 2019

Technician in Microcomputer Systems and Networks (CFGM - SMX)

Institut Escola del Treball
2015 - 2017

LANGUAGES

Spanish - Native

Catalan - Native

English - Proficient

Italian - Basic working proficiency

Portuguese - Basic