



Steven De Moor

Full-Stack Software Engineer

Turning ideas into concrete, high-performing projects.

An idea, a project or an opportunity? Let's talk!



contact@synapseengineering.dev



LinkedIn

CORE SKILLS

Planning & Collaboration:

Consulting Leadership Team Leading Project Management Jira ServiceNow Phabricator

Architecture & Collaboration:

Monorepo Nx Feature-based

Version Control & Repository Management:

GitHub GitLab GitKraken Bitbucket

Databases & Data Processing:

SQL SQL Server NoSQL Data Processing

Backend & APIs:

C# 12 .NET 8 Python Node.js 22 Express FastAPI REST API WinDev 2024

Frontend & Mobile:

TypeScript 5.5 Angular 21 HTML 5 CSS 3 SCSS Ionic RxJS NgRx i18n

Business Applications & Automation:

Microsoft Dynamics 365 Power Platform Automation

AI, Robotics & Integration:

AI ROS / ROS2 MQTT

Testing & Code Quality:

Jasmine Karma Vitest JSDOM SonarQube Gerrit

CI/CD & Deployment:

Azure DevOps Jenkins Docker

Infrastructure & Security:

Linux Windows Access Control Server Hardening OWASP

PROFESSIONAL EXPERIENCE

May 2025 - Aug 2026 ● Lead Developer

IC-Green

Angular 21 • Feature-based • HTML 5 • CSS 3 • TypeScript • i18n • Jasmine • Karma • Vitest • JSDOM • Node.js 20 • SQL Server • NoSQL • Docker • ROS / ROS2 • MQTT • AI • Gerrit • Phabricator • Jenkins • SonarQube • Linux • Windows • Access Control • Server Hardening • Monorepo • Nx • Leadership • Team Leading • Project Management

- Lead the development of an autonomous agricultural robotics platform designed to remove weeds without toxic herbicides.
- Drive software architecture, development activities, and technical direction across the robot software ecosystem.
- Lead and coordinate development teams working on robot implementation, testing, validation, and field-ready software delivery.
- Develop full-stack features for an Angular operator interface and a distributed architecture connecting multiple robots, each running a Node.js backend, to a chain of online Node.js servers. These servers handle security, routing, load balancing, and communication with multiple SQL and NoSQL databases, including logging stores.
- Collaborate with robotics, AI, and hardware engineers to integrate AI-powered weed detection into operational workflows.

Sep 2024 - Jun 2025 ● Software Engineer

Akkodis - Tihange Nuclear Power Plant

Angular 18 • Feature-based • HTML 5 • CSS 3 • TypeScript 5.5 • Jasmine • Karma • Node.js 22 • C# 12 • .NET 8 • WinDev 2024 • SQL • SQL Server • Azure DevOps • Windows

- Managed the full development cycle of critical applications supporting operational processes in a regulated nuclear environment.
- Designed and delivered tools for personnel accreditation, sealed source management, technical equipment requalification, and long-term operation support.
- Built secure and reliable software solutions focused on efficiency, traceability, compliance, and operational continuity.

Dec 2023 - Sep 2024 ● Software Engineering Consultant

Akkodis - Innovation Department

Angular 17 • Feature-based • HTML 5 • CSS 3 • TypeScript • Jasmine • Karma • Node.js • FastAPI • Python • NoSQL • AI • Docker • Monorepo • Nx • Windows

- Led front-end development of an internal recruitment platform connected to a FastAPI Python backend.
- Implemented AI-assisted features to process CV files, extract relevant information, and support recruiter workflows.
- Defined coding standards, reusable patterns, and best practices to improve maintainability and delivery quality.

Apr 2022 - Nov 2023 ● Site Leader**Akkodis at Procter & Gamble***Leadership • Consulting*

- This was an additional internal role for Akkodis, carried out alongside my ongoing client assignment. Strengthened communication between Procter & Gamble managers, Akkodis managers, and a team of 25 on-site consultants.
- Coordinated consultant onboarding and provided ongoing support throughout their assignments.
- Prospected for new missions and opportunities with the client.
- Organized after-work events to foster connection and team cohesion among consultants.

May 2023 - Nov 2023 ● Software Engineering Consultant**Procter & Gamble - LFE Department***Angular 16 • Feature-based • HTML 5 • CSS 3 • TypeScript • Jasmine • Karma • C# • .NET • REST API • SQL • ServiceNow • Jira • Windows*

- For the Liquid Fabric Enhancers (LFE) department, architected and developed an Angular application integrated with REST APIs and a C#/ .NET backend.
- Connected multiple data sources, including Siemens, custom, and local databases.
- Built data visualization features including graphs, tables, image rendering, and analytical views.
- Delivered a feature-rich application helping stakeholders retrieve filtered samples and generate actionable insights.

Apr 2022 - Apr 2023 ● Software Engineering Consultant**Procter & Gamble - ANA & SUD Departments***C# • .NET • SQL • Automation • Data Processing • Jira • Windows*

- For the Analytical (ANA) and Soluble Unidoses (SUD) departments, designed and optimized C# microprocesses tailored to analytical and laboratory workflows.
- Automated experiment file uploads, data extraction, calculations, and secure database integration.
- Supported approximately 15 chemical testing methods while improving productivity, data integrity, and process reliability.

Oct 2021 - Apr 2022 ● Software Engineering Consultant**Avanade Academy Pilot Project***Microsoft Dynamics 365 • Power Platform • Consulting • Leadership • Windows*

- Completed an intensive training program focused on the Microsoft Dynamics 365 suite.
- Collaborated with a multidisciplinary team to deliver a final project based on Dynamics 365 solutions.
- Led the team project through delivery of the Dynamics 365 solution.

Jan 2021 - Mar 2021 ● Angular / Ionic Developer**Noomia**

Angular 11 • Feature-based • HTML 5 • CSS 3 • Ionic • TypeScript • RxJS • NgRx • SCSS • Windows

- Maintained and enhanced mobile applications built with Angular and Ionic.
- Worked on geolocation features, RxJS-based flows, NgRx state management, and mobile UI styling.
- Contributed to research and development initiatives focused on user experience and application performance.

Jan 2020 - Jun 2020 ● Full-Stack Angular / Node.js Developer**Inforius**

Angular 12 • Feature-based • HTML 5 • CSS 3 • Node.js 14 • Express • SQL • TypeScript • Windows

- Worked on a full-stack application for managing room reservations in public services.
- Contributed to the Angular front end and Node.js backend, including business logic and database interactions.
- Participated in user interface design and integration between the different parts of the application.