

DREW NOLLSCH

drew.nollsch@gmail.com

+31 6 53 74 07 84

[Github](#) // [LinkedIn](#) // [Website](#)

NL & USA Dual Citizen

EDUCATION

M.S. Astronautical Engineering ('14)

B.S. Mechanical Engineering ('13)

@ University of Southern California

WORK EXPERIENCE

Technology Architecture Associate Manager

@ **Accenture** (Amsterdam, NL // Feb '19 – Mar '21)

IKEA

- Stakeholder management & collaboration

Heineken

- Conceptual data model, logical data model

Internal

- Designed technology architecture of internal system for tracking contest entrants, vote submission, reporting

System Architect

@ **Leidos** (The Hague, NL // Jan '15 – Feb '19)

- Defined & prioritized new software features
- High level system design allocating new features to subsystems and defining interface requirements between subsystems (UML component diagram), UML activity/sequence diagrams for new required integrations
- Updated XML messaging standards for subsystems to support new info exchange reqts
- Designed data model for architecture model & data warehouse (UML Class diagram)
- Designed schema for relational data warehouse (test data, CMDB type data) & queried the SQL database to produce architecture views. (UML Class diagram)
- Stakeholder management

System Engineer

@ **Leidos** (Los Angeles, USA // Jan '14-Jan '15)

UML class, activity, sequence, use case diagrams

Software Engineering Intern

@ **SAIC** (Los Angeles, USA // May-Aug '13)

Coded gps sim

TECHNICAL SKILLS

FRONT END & WEB:

Javascript, [Typescript](#), React, [React-Query](#) / [Redux](#) / [Recoil?](#), React-Router, Material-UI, HTML, CSS, [AJAX](#), JSON, XML, HTTP

BACK END & DATABASE:

Node.js, Express, Python, Django, SQL, PostgreSQL, MongoDB, MATLAB

INFRASTRUCTURE:

AWS RDS, GCP Compute Engine / App Engine / Apigee, Heroku

DESIGN, TEST, & DEVOPS:

Git, VS Code, [Jest](#), [Pytest](#), Postman, [Travis/Jenkins CI/CD](#), Jira, Confluence, Notion, Figma, Archi, Rational System Architect, Sparx Enterprise Architect

METHODS & FRAMEWORKS:

Agile (SAFe Certified), REST, [GraphQL](#), Model-View-Controller (MVC), [Test-Driven-Development \(TDD\)](#), UML, TOGAF, ArchiMate, Requirement Analysis

PROJECTS

CRATER // [Website](#) // [Github](#)

[OAuth 2.0](#), [JWT](#), responsive, [cross-browser dev & test](#), REST API with Django REST Framework, Secret management via Github org,

WEB SCRAPER // [Github](#)

Filler text here, [Spotify API](#), [data architecture](#), [data pipeline](#), Cheerio.js, BeautifulSoup,

RECIPE APP // [Website](#) // [Github](#)

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CASSINI MISSION TRAJECTORY // [Github](#)

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GPS SIMULATION

Solar pressure and earth radiation effects

OTHER

CERTIFICATIONS & AWARDS:

- TOGAF 9 Certified Enterprise Architect
- Scaled Agile Framework Certified Architect
- Scaled Agile Framework Certified Product Owner/Product Manager
- Director's Letter of Appreciation, NATO AMDC2 Directorate
- Team Innovation Merit Award, NATO Comms & Information Agency
- Trustee Scholar, University of Southern California
- [Eagle Scout, Troop 444](#)

LANGUAGES:

English (native), Dutch (B1), Spanish (A2)

HOBBIES & INTERESTS:

Cooking, home fermenting, ancient history, archaeology, woodworking, wilderness backpacking & canoeing

