



Hi, I'm **Chantal Broeren**

EXPERIENCED SOFTWARE ENGINEER

Full-stack engineer with a primary focus on front-end technologies, including most recent TypeScript, JavaScript and Svelte. With an eye for detail and a passion for logic, (simplifying) complexity, clean codebases and dedicating my skills on building and improving complex and innovative applications.

Contact

Rijkevoort, The Netherlands
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*Recommendations and references
available on LinkedIn and upon request*

Main Skills

Languages:

Dutch (native), English (fluent)

Programming Languages:

JavaScript (ES7+), TypeScript,
Ruby, Elixir, SQL

Frameworks and Libraries:

Svelte, Ember.js, Rails, Phoenix
LiveView, Storybook, web
components

Tools and Technologies:

Git, npm, Vite, Node.js, CI/CD,
Docker, AWS, JUnit, Jest,
Cypress, Playwright, Vitest

Soft Skills:

Public Speaking, Teaching,
Mentoring, cross-team
collaboration, code reviews

Other:

Problem Solving, Complex Logic,
Abstraction, Test-Driven
Development, Debugging, Agile /
scrum, teamwork

Work Experience

(Extended version available upon request)

Senior Software Engineer

Mar. 2019 - Feb. 2025

DockYard, Inc. (Remote)

International digital product consultancy specializing in custom software development, design, and strategy. Worked in several cross-disciplinary teams for leading companies.

- Building, transitioning and rebuilding highly interactive (multimedia) web applications with quality and simplicity;
- Played a key role in component-driven development in Ember.js and Svelte, including framework transitions and custom architecture design;
- Actively involved in architectural decision-making across teams and platforms.
- Solved complex state and interaction challenges, including pagination at multiple levels, rehydration, drag-and-drop interactions, and interactive queues;
- Developed a custom abstraction layer to handle large, nested data structures defining page layout, content, and rendering logic, translating into reusable, platform-agnostic UI components;
- Collaborated closely with back-end engineers, designers, and product owners;
- Contributed to internal product development and tooling, working with Elixir;
- Member of the Culture Team (guild), and leading the Mentorship Program;
- Delivering internal talks, writing and reviewing (technical) blog posts, and performing extensive code reviews.

JavaScript (ES7+), TypeScript, Svelte, Ember.js, Test-Driven Development, Ruby on Rails, Elixir, Phoenix, Vite, Jest, Playwright, Vitest, Storybook

Lead Software Developer

Feb. 2015 - Feb. 2019

Fabriquartz (Arnhem, NL)

Full-stack feature development for Plonquo, a 4-dimensional planning application. Working with complex and abstract business logic and data.

- Developing front-end features with Ember.js that suit the client's or own business purpose;
- Educating and mentoring co-workers and interns;
- Responsible for the final review and delivery of new features;
- Designing best architecture and development methods;
- Standby for client problems debugging and solving;
- Part of a mixed team of back-end and front-end developers;
- Developing back-end features with Ruby on Rails.

Ember.js, Test-Driven Development, Javascript (es7), HTML5/CSS3/Sass, Ruby on Rails, Oracle, SQL, AWS, Server Management, Docker

Interests

- Escape rooms & board games
- Cycling
- Digital design
- Technology, construction and electricity
- 3D printing
- Theater & acting

Work Experience *(continued)*

Student Assistant

Feb. 2014 - Feb. 2015

HAN Flex (Arnhem, NL)

Provided additional lessons based on structured- and OO-programming and helped students with their coursework.

First Line Helpdesk Support

Juni 2012 - Feb. 2013

Bosch Communication Center (Nijmegen, NL)

Client: Online (Internet, TV, Phone provider)

Helpdesk Representative

Aug. 2011 - Juni 2012

UPC Nederland (Nijmegen, NL)

2007 - juni 2012

Various full-time jobs in different industries
(Available upon request)

Education

Bachelor of Science - Software Engineering

Feb. 2013 - May 2017

HAN (Arnhem, NL)

Graduated (8) on: Capacity planning in a 4-dimensional planning application

Courses: Object Oriented Program Development, Information System Engineering (Databases), Develop and Maintain an E-community, Training and Coaching in Businesses

Additional Activities

Volunteering

Dec. 2022 - present

TechnoPromo (Cuijk, NL)

Promoting tech-related subjects to kids and teens, floor coordinator (temporary role), co-developing lessons, content managing.

Volunteering

2015 - 2025

Theater Association Internos

Board member (2017-2023), secretary (2018-2023), PR and website (2005-2025), supporting and leading various working groups

Previously:

- Maintaining several (private and public) Ember addons;
- Co-organisier of the Dutch Ember Meetup;
- Attending several developer conferences and meetups;
- Speaker on meetups and conferences.