

Elisabeth Lennert

Junior Software teknologi diplomingeniør

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Profil

Passioneret og handlekraftig softwareingeniør med praktisk erfaring i **full-stack webudvikling**, **hardwareintegration** (RFID, QR, strekkoder, IoT) og **API-drevne løsninger**. Jeg bygger skalerbare systemer, der kombinerer robust backend-logik med en intuitiv frontend, og trives i miljøer med højt tempo, samarbejde og klare leverancer.

Nøglekompetencer

🔧 Frontend (React, Next.js, Node.js, Angular, Android) ☁ Cloud (Azure services, Firebase)
🔌 API-design & integration (REST, microservices, eventdriven) ⚙ CI/CD, Docker, Kubernetes
📷 Scanning & I/O (RFID, QR, Barcode) 👥 Agile samarbejde, SCRUM & UX
🧠 Machine Learning & AI (Python, TensorFlow, scikit-learn)

Teknologier

Sprog: JavaScript, TypeScript, C#, C/C++, Python, SQL, XML, Kotlin, Assembly

Frameworks & værktøjer: React, Next.js, Angular, WPF, .NET, Microsoft SQL Server, Firebase, Docker, Git, REST, microservices, Kubernetes, Azure (App Services, Storage), Unity, LaTeX, Node.js

Systemer: Linux (CLI, scripting, VM), windows, iOS, Embedded I/O (PSoC, Raspberry Pi, DE2-Boards)

Uddannelse

Aarhus Universitet 2021 – 2025
Diplomingeniør i **Softwareteknologi**, specialisering i **Webteknologi**. Valgfag bl.a. IT-sikkerhed, Machine Learning, Web-arkitektur & Orkestrering, Mobilapp, UX Design.

Aalborg Universitet 2017 – 2020
Diplomingeniør i **Kemi & Bioteknologi**

Århus HF & VUC 2014 – 2017
Gymnasial eksamen med matematik og science-fag på A-niveau.

Erfaring

Softwareudvikler – Frontend *BILLETEN A/S, Aarhus* Mar 2025 – Jul 2025

- Udviklede en **cross-platform PWA** i **React/TypeScript** til scanning af **RFID, QR og strekkoder** ved events.
- Byggede full-stack komponenter til interne systemer med fokus på I/O-workflows og **brugeroplevelse**.
- Bidrog til hurtigere indlukning og mere stabil drift på events via forbedret scanning og validering.

Ingeniørpraktikant *VESTAS A/S, Aarhus N* Jul 2023 – Dec 2023

- Designede intern **API-løsning** i **Python/SQL** til turbinefejl og diagnosticering og Automatiserede dataprocesser
- Udviklede og testede **WPF**-baserede UI-komponenter til *converter wall*-systemer.
- Udviklede en **WPF-applikation** til parameteropslag ved service af turbiner; anvendte **Python** og eksisterende database.

Chief Communication Officer (CCO) *Brokerprint ApS* Mar 2011 – Sep 2014

- Ansvarlig for kundeservice og kommunikation mellem kunder og trykkerier; **B2B/B2C** salg og leadgenerering.
- Deltog i **produktudvikling** og vedligehold af hjemmeside.

SEO & Content Creator *Redeluxe ApS* Apr 2010 – Feb 2012

- Arbejdede med **SEO**, **linkbuilding** og **affiliate**-kampagner for bedre Google-placeringer.

Kundeservice & Teknisk Support (Phoner) *Canal Digital*

Apr 2009 – Dec 2011

- Kundeservice på telefon; senere i **opsigelsesafdelingen** og efterfølgende **teknisk support**.
- Anvendte kundepsykologi og *Minerva*-metoder til fastholdelse.

Brand Promoter & Model *CULT*

Aug 2006 – Oct 2010

- Promoverede brandet ved events, reklamer og festivaler; salg og kundeservice.

Tjener & Kasse *Soya 2 Sushi Restaurant, Lemon Pizzari*

Feb 2005 – sep 2009

- Kundebetjening, kassehåndtering, servering og hygiejne.
- Ordrehåndtering, kundeservice og betalingsafslutning.

Salgsassistent *Toys'R'Us*

Mar 2004 – Oct 2007

- Opfyldning af varer og butiksinretning
- Salgsfremmende aktiviteter og kampagner

Udvalgte projekter

SafeByte (Bachelorprojekt)

SafeByte bachelorprojekt [link](#)

React (PWA), Firebase (Auth/RTDB/Storage), Stregkodescanning, Docker

Fuldstack fødevarer-scanner til allergikere med real-time opslag og advarsler om allergener.

Rolle: arkitektur, frontend, integration til Firebase og scanning.

Event Scanning PWA (BILLETTEN)

Karneval 2025

React, TypeScript, Kamera-/RFID-scanning, REST, CI/CD

PWA til billet-/armbåndsscanning (RFID/QR/Barcode) på mobil og Android-hardware.

Rolle: frontend, integration til backend-API'er, UX-forbedringer.

TimeTracking App

4. semester

C#, React, WPF, Docker, CI/CD

Planlægning og analyse af studietid; ansvarlig for frontend-arkitektur og CI/CD-opsætning.

Automatisk foderdispenser til kæledyr

3. semester

C, C++, PSoC, Raspberry Pi, React

Mikrokontroller-/IoT-system hvor kæledyr kan anmode om godbid via knap; integration mellem MCU, Pi og web-UI.

Home Automation

2. semester

C++, React, WPF

Smart-home styring af lys, låse og gardiner; fokus på UI, låse-hardware/software og agile metoder.

Sprog

Dansk: Modersmål **Engelsk:** Flydende **Fransk:** Begynder **Kalaallisut (grønlandsk):** Begynder

Øvrigt

Kørekort: B (almindelig bil).

Hobbyer: Reparation af iPhones/iPads og retro-konsoller, styrketræning, guitar, astronomi-foredrag, tid med familie.

Referencer gives gerne efter aftale.

Elisabeth Lennert

Junior Software Technology Engineer

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Profile

Passionate and proactive software engineer with hands-on experience in **full-stack web development**, **hardware integration** (RFID, QR, barcodes, IoT) and **API-driven solutions**. I build scalable systems combining robust backend logic with intuitive frontend experiences, thriving in fast-paced environments with collaboration and clear deliverables.

Key Competencies

🔧 Frontend (React, Next.js, Node.js, Angular, Android) ☁ Cloud (Azure services, Firebase)
🔌 API Design & Integration (REST, microservices, event-driven) ⚙ CI/CD, Docker, Kubernetes
📷 Scanning & I/O (RFID, QR, Barcode) 👥 Agile Collaboration, SCRUM & UX
🧠 Machine Learning & AI (Python, TensorFlow, scikit-learn)

Technologies

Languages: JavaScript, TypeScript, C#, C/C++, Python, SQL, XML, Kotlin, Assembly

Frameworks & Tools: React, Next.js, Angular, WPF, .NET, Microsoft SQL Server, Firebase, Docker, Git, REST, microservices, Kubernetes, Azure (App Services, Storage), Unity, LaTeX, Node.js

Systems: Linux (CLI, scripting, VM), Windows, iOS, Embedded I/O (PSoC, Raspberry Pi, DE2-Boards)

Education

Aarhus University 2021 – 2025
Bachelor of Engineering in **Software Technology**, specialization in **Web Technology**. Electives include IT Security, Machine Learning, Web Architecture & Orchestration, Mobile App Development, UX Design.

Aalborg University 2017 – 2020
Bachelor of Engineering in **Chemistry & Biotechnology**

Århus HF & VUC 2014 – 2017
Higher preparatory examination with mathematics and science subjects at A-level.

Experience

Software Developer – Frontend *BILLETTEN A/S, Aarhus* Mar 2025 – Jul 2025

- Developed a **cross-platform PWA** in **React/TypeScript** for scanning **RFID, QR, and barcodes** at events.
- Built full-stack components for internal systems focusing on I/O workflows and **user experience**.
- Contributed to faster admission and more stable event operations through improved scanning and validation.

Engineering Intern *VESTAS A/S, Aarhus N* Jul 2023 – Dec 2023

- Designed internal **API solution** in **Python/SQL** for turbine fault diagnostics and automated data processing.
- Developed and tested **WPF**-based UI components for the *converter wall* systems.
- Built a **WPF application** for parameter lookup during turbine service; utilized **Python** and existing databases.

Chief Communication Officer (CCO) *Brokerprint ApS* Mar 2011 – Sep 2014

- Responsible for customer service and communication between clients and print shops; **B2B/B2C** sales and lead generation.
- Participated in **product development** and website maintenance.

SEO & Content Creator *Redeluxe ApS* Apr 2010 – Feb 2012

- Worked with **SEO**, **link building**, and **affiliate** campaigns to improve Google rankings.

Customer Service & Technical Support (Phoner) *Canal Digital* Apr 2009 – Dec 2011

- Provided customer service by phone; later in the **cancellation department** and subsequently **technical support**.
- Applied customer psychology and *Minerva* methods for retention.

Brand Promoter & Model *CULT* Aug 2006 – Oct 2010

- Promoted the brand at events, advertisements, and festivals; sales and customer engagement.

Waitress & Cashier *Soya 2 Sushi Restaurant, Lemon Pizzari* Feb 2005 – Sep 2009

- Customer service, cash handling, serving, and hygiene.
- Order processing, customer relations, and payment completion.

Sales Assistant *Toys'R'Us* Mar 2004 – Oct 2007

- Stock replenishment and store layout.
- Sales promotions and campaigns.

Selected Projects

SafeByte (Bachelor Project) SafeByte bachelor project link

React (PWA), Firebase (Auth/RTDB/Storage), Barcode scanning, Docker
Full-stack food scanner for allergy sufferers with real-time lookups and allergen alerts.
Role: architecture, frontend, Firebase integration, and scanning.

Event Scanning PWA (BILLETTEN) Carnival 2025

React, TypeScript, Camera-/RFID scanning, REST, CI/CD
PWA for ticket/wristband scanning (RFID/QR/Barcode) on mobile and Android hardware.
Role: frontend, backend API integration, UX improvements.

TimeTracking App 4th semester

C#, React, WPF, Docker, CI/CD
Study time planning and analysis; responsible for frontend architecture and CI/CD setup.

Automatic Pet Feeder 3rd semester

C, C++, PSoC, Raspberry Pi, React
Microcontroller/IoT system where pets can request treats via a button; integration between MCU, Pi, and web UI.

Home Automation 2nd semester

C++, React, WPF
Smart home control of lights, locks, and blinds; focus on UI, lock hardware/software, and agile methods.

Languages

Danish: Native **English:** Fluent **French:** Beginner **Kalaallisut (Greenlandic):** Beginner

Other

Driver's License: B (car).

Hobbies: Repairing iPhones/iPads and retro consoles, weight training, guitar, astronomy lectures, spending time with family.

References available upon request.