



Personal Profil

Daniel Høyer Bjørnskov

Software Engineer & Software Architect.

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My name is Daniel Høyer Bjørnskov and I'm an outgoing software engineer and solution architect with experience in both complex software development and design as well as establishing and developing software teams and processes.

I have experience with both frontend, backend and fullstack tasks and has previously also touched on the DevOps role. For the past four years, I have primarily dealt with the role of Software Architect (solution architect), but also Agile/Scrum team management and a number of development tasks.

In the section below, examples of my most recent tasks within respective categories can be seen.

- **Frontend:** Development of SPA (Single Page Application) website with Vue basedDevExtreme. Development of "Vanilla JS" and Typescript Electron desktop application. Creating CI/CD pipeline to handle Puppeteer snapshot tests with 0%fault tolerance.
- **Backend:** Concurrency/multithread-handling or database and external protocol integration. Development of common Maven repositories via Artifactory/Jfrog(similar tasks solved for internal NPM packages).
- **Fullstack:** API design (JSON schema standard) and associated implementation for multiple microservices. Knowledge sharing of architecture and technical choices to a larger development team with tools like Confluence, Draw.io and Arc42.
- **DevOps:** Produced Ansible deployment on CI/CD pipeline (TeamCity) in collaboration with Docker containers. The deployment handled the transfer and installation of RPM files, Docker containers and configuration files on multiple devices and across multiple networks.

I find myself well at the crossroads between the development role and tasks of a more architectural nature - and I like to be at the head of a team.

In the role of team-lead, I have implemented quality-enhancing processes such as the RobotFramework across several units and networks. In addition, I have also led new higher standards for code quality via static code analysis tools. Eg. CodeScene, Pitest, RobotFramework, etc.

I have a high level of initiative, ambition and personal expectation, all of which are driving forces for my work. I assume a great deal of responsibility for my and/or the team's tasks being solved to the best of their ability, so that the product reaches the desired goal.

Primary competencies

Frontend



Backend



Fullstack



DevOps



Tools



Career & projects

2025 - now

Saab Danmark, Software Architect
Industry: Aviation - Military and Civilian

Following years of continuous growth in both the VCS product and the organization, my role evolved from serving as a combined software architect and team lead for a single development team to taking on full responsibility as software architect across all application development teams, including cross-team coordination (embedded teams, platform teams and special-function teams).

Positioned with one foot in the source code and the other in close collaboration with system and solution architects, I now balance responsibilities that include designing software architecture, facilitating architectural reviews, and enabling high development velocity across teams. I support this by promoting knowledge sharing, providing clean and comprehensible architectural designs, and abstracting system-level concerns to shield individual developers from unnecessary complexity.

2019 - 2025

Saab Danmark, Software Architect || Team Lead
Industry: Aviation - Military and Civilian

As a software architect and team lead at Saab, my primary task was to design and develop the advanced TactiCall VCS product for the civil and military aviation industry.

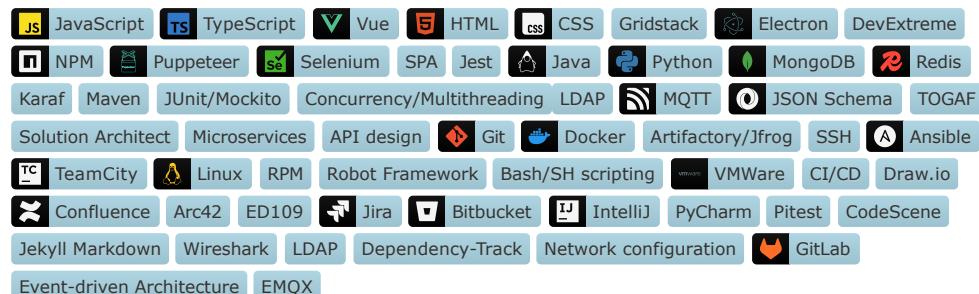
During my time as software architect on the project, both the product and the team have experienced rapid development. The product has gone from consisting of a few lines of code to today being a full commercial system. At the same time, the team has grown from just three developers to today consisting of 11 developers and 3 testers.

In addition to design and development, my role also included facilitating the development process. It was therefore also his responsibility to coordinate deadlines for the development team, stand-up/retrospective/kickoff facilitation (SCRUM master tasks) as well as long-term development planning and strategy.

The involvement in the VCS project has given me extensive knowledge and experience with microservice architectures, multiple programming languages and technologies, as well as hands-on experience in driving high-quality software deliveries.

In the role of software architect, my specific development tasks have varied, from Frontend(e.g. SPA web server, Electron application or internal NPM packages) and Backend development(e.g. Concurrency handling or database and external protocol integration) , for DevOps tasks(e.g. Ansible deployments, Docker debugging and Karaf bundle container handling).

Skills utilized



2018 - 2019

Saab Danmark, Software Engineer
Industry: Aviation - Civilian

In the first year at Saab, I worked as a Software Engineer on the VCS project. Due to good development in the role and training through the Technological Institute and Danish IT (SystemArchitect - Practitioner), I was promoted to the role of Software Architect after one year.

In the role of Software Engineer, I was responsible for the production of an Electron desktop application based on a "Vanilla JS" and TypeScript project, development of several Java microservices and integration between applications with the MQTT protocol.

Given that the VCS product handles both radio and telephony communication (SIP and RTP/RTCP protocol), I have also built up good experience in debugging with tools such as Wireshark.

Skills utilized


 2018 - 2019 INTEGU, Freelance Software Consultant
 Industry: Public Healthcare

Over a period of half a year, I traveled to India with his wife in connection with her work. Given the successful working relationship with the former employer Capgemini, the position was converted to a freelance position. This allowed me to continue his work remotely from India throughout the six months.

Skills utilized


 2018 - 2019 Capgemini, Software Engineer - Consultant
 Industry: Public Healthcare

At Capgemini, I worked as a software engineer on a major booking system for the healthcare system. I quickly grew in his role (eg Java 8 OCA certification) and worked with a variety of development tools and -standards (e.g. HL7 FHIR) – all within an established SCRUM project.

During this employment, I gained an in-depth insight into what it means to work with legacy code, including the caveats and precautions that should be taken into account in order to work safely and efficiently in a 15+ year old codebase.

Skills utilized



Skill table

Roles	Roles	Skill level	Years experience	Last utilized
Software Architect			5	Today
Team Lead			6	2025
Software Engineer			6	2024
SCRUM-master			5	2024
Frontend Technologies	Frontend Technologies	Skill level	Years experience	Last utilized
JavaScript			7	Today
TypeScript			7	Today
Android			3	2020
Vue			3	Today
Angular			2	2020
HTML			7	Today
Electron			6	Today
NPM			7	Today
Puppeteer			5	2024
CSS			6	Today
Selenium			2	2024
DevExtreme			2	2024
Gridstack			3	2024
SPA			3	Today
Jest			5	2024
Backend Technologies	Backend Technologies	Skill level	Years experience	Last utilized
Java			7	Today
Python			4	Today
MySQL			2	2019
Firebase			1	2020
MongoDB			3	Today
Redis			1	2023
Gradle			6	2019
Karaf			3	2025
Maven			7	Today
JUnit/Mockito			7	Today
Concurrency/Multithreading			6	Today
Pitest			6	Today
LDAP			1	2024
HL7 FHIR			1	2019
Fullstack Technologies	Fullstack Technologies	Skill level	Years experience	Last utilized
MQTT			6	Today
EQMX			3	Today
JSON Schema			6	Today
Microservice			6	Today
API design			6	Today
Solution Architect			5	Today
TOGAF			4	2024
DevOps Technologies	DevOps Technologies	Skill level	Years experience	Last utilized
Git			7	Today

DevOps Technologies	Skill level	Years experience	Last utilized
Docker	● ● ● ● ●	6	Today
Ansible	● ● ● ● ● ●	4	Today
TeamCity	● ● ● ● ● ●	7	Today
Linux	● ● ● ● ● ●	6	Today
VMWare	● ● ● ● ● ●	7	Today
RPM	● ● ● ● ● ●	6	Today
Robot Framework	● ● ● ● ● ●	3	2025
Bash/SH scripting	● ● ● ● ● ●	6	Today
SSH	● ● ● ● ● ●	5	Today
Artifactory/Jfrog	● ● ● ● ● ●	7	Today
CI/CD	● ● ● ● ● ●	6	Today

Tools	Tools	Skill level	Years experience	Last utilized
Confluence	● ● ● ● ● ●	7	Today	
Jira	● ● ● ● ● ●	7	Today	
Bitbucket	● ● ● ● ● ●	7	Today	
GitHub	● ● ● ● ● ●	7	Today	
IntelliJ	● ● ● ● ● ●	7	Today	
PyCharm	● ● ● ● ● ●	6	2024	
CodeScene	● ● ● ● ● ●	5	2024	
Arc42	● ● ● ● ● ●	5	Today	
ED109	● ● ● ● ● ●	3	Today	
Draw.io	● ● ● ● ● ●	4	Today	
Jekyll Markdown	● ● ● ● ● ●	2	Today	
Wireshark	● ● ● ● ● ●	6	Today	

Publications

Presentations &

Lectures 2024

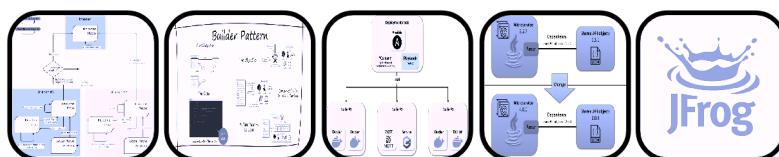


IDA/SFA - Military Drones and development of military technologies
From idea to app - Problem-solving with iterative software development
<https://integu.net/ida-sfa/>

<https://shorturl.at/qyzNP>

Blogs -

www.INTEGU.net 2018-2024



<https://shorturl.at/jHPUW>

<https://shorturl.at/eKENV>

<https://shorturl.at/FSTV0>

<https://shorturl.at/suwBI>

<https://shorturl.at/qHIN6>

Education &

Certifications 2025

Certified SAFe® 6 Agilist certified

Eurocea ED-109 (software assurance level) certified

Dansk IT - System Architect Practitioner (TOGAF)

Dansk IT - IT Architect Foundation (TOGAF)

Oracle - OCA - Java 8

Huawei - Seeds for the Future

M.Sc. Innovative Communication Technologies & Entrepreneurship (Civil engineer)

B.Sc – Management Center Innsbruck

B.Sc. Innovation and Business (IB)