



Andreas Gunnahr

Fullstack developer

Andreas is a highly motivated and driven fullstack developer who is passionate about new and complex technology. He has developed complex systems with API integrations, but also worked with UX and UI design. Andreas also has a broad range of technologies including web development, DevOps, and functional programming.

In addition to Andreas's expertise in programming, he enjoys working in teams as he has a background in team sports at an elite level. One can also describe Andreas as a responsive person who is good at offering new perspectives on needs and problems.

Highlighted Projects

Fullstack developer

Forefront Consulting AB | 2021

During my internship, I had the responsibility to further develop and build new features for internal e-commerce. I also researched best practices about testing and mocking data. These practices were then implemented in an application to help demonstrate a good workflow to our consultants on-site at the customer.

Frontend developer

Rationell Mikro Teknik | 2020

Rationell Mikro Teknik needed a person who could develop a new frontend for their search platform. I was commissioned to develop the frontend and implement these improvements. I also took responsibility to improve and enhancing their UX design.

Industries

- E-commerce
- Document- and case systems
- B2B
- Software Manufacturers

Techniques

- JavaScript
- TypeScript
- React.js
- Next.js
- Vue.js
- Redux
- Node.js
- ExpressJS
- REST
- GraphQL
- MySQL
- MongoDB
- Mochajs
- ChaiJS
- SASS
- styled components
- TailwindCSS
- Docker
- Azure Devops



Projects and Assignments

Jan 2021 - Apr 2021
Stockholm

Fullstack developer

Forefront Consulting AB

Forefront Consulting is a business and IT consulting company with just over 400 employees. With offices in six locations in Sweden, they guide companies and organizations in the digital landscape and other transformations.

During my internship at Forefront Consulting, I was involved in two different projects.

The first project was to build internal e-commerce in close contact with project managers and UX designers. I took a position as a frontend developer where I worked with the new development of features using React, Nextjs, Typescript, Redux, and Sass. Also had responsibility for setting up structures in the project, such as Redux and a DevOps chain with Azure DevOps.

The second project was to build a structure around testing and mocking of data to help our consultants on-site at our customer. The project involved a lot of research on best practices in testing and mocking data. I also built an application to demonstrate good testing and mocking flow with Angular, Typescript, Nodejs, Nestjs, MySQL, TypeORM, Jest, Cypress, and Fakerjs.

Jan 2021 - Apr 2021
Stockholm

Frontend developer

Hobby

I was responsible for building a new portfolio website. This included everything from architecture and work processes to designing all the UX parts of the website. Also managed config and set up my hosting and domain.

I worked on the project myself and therefore had a great responsibility in driving the project forward and to the goal. The result was a web application written in React, NextJS, TailwindCSS, Google Analytics, and Markdown. The app also has a markdown structure which makes it very easy to add new projects to the portfolio. I also chose to implement a minimalist and clean design in the app to make the presentation of information as easy and clear as possible.

Oct 2020 - Dec 2020
Stockholm

Frontend developer

Nackademin

I was responsible for planning and building a forum application. This included everything from developing a project architecture, choosing a design, and integrating a database solution.

I worked on the project myself and therefore had a great responsibility in driving the project forward and to the goal. The result was a web application written in React, Styled Components, Redux, and Firebase at the front end. The application has about 6 views with everything from login functionality to creating and commenting on forum posts. The app is also complete with routing, authentication, and hosting at Heroku.



Oct 2020 - Dec 2020
Stockholm

Frontend developer

Nackademin

I was responsible for planning and building a customer relationship management application. This included everything from developing a project architecture, choosing a design, and integrating a database solution.

I worked on the project myself and therefore had a great responsibility in driving the project forward and to the goal. The result was a web application written in React, Styled Components, and Firebase at the front end. The application uses hooks, reducer patterns, and context to keep track of our application states. It also has about 6 views with everything from login functionality to CRUD for our customers. The app is also complete with routing, authentication, and hosting at Heroku.

Oct 2019 - Dec 2020
Stockholm

Fullstack developer

Nackademin

I was responsible for developing a rate- and review restaurant application. This included everything from architecture and work process to create the UX design for the application. Also had the task of setting up continuous integration and a role management system for the whole application.

I worked on the project myself and therefore had a great responsibility in driving the project forward and to the goal. The application was built with a server-side rendering approach using NodeJS, ExpressJS, Handlebars, MySQL, PassportJS for role management and authentication. The app is also complete with an image uploading system, commenting, and rating system. It is also hosted on Heroku.

Aug 2020 - Oct 2020

Backend developer

Nackademin

I was responsible for developing a REST API for e-commerce. This included everything from project planning with help of Trello, test-driven development, role management, and database modeling. Also had the task of setting up Gitflow, continuous integration hooks on Github, and various developer environments on Heroku.

I worked closely with two other junior developers in challenging and stimulating conditions with changing requirements specifications. The application was built with a test-driven development approach using NodeJS, ExpressJS, Mongoose, In-memory database, MochaJS, ChaiJS, and FakerJS. The backend is also complete with authentication, password hashing, a role management system, and hosting on Heroku.



Aug 2020 - Oct 2020

Fullstack developer

Nackademin

I was responsible for developing a todo- and tracking application. This included everything from architecture and work processes to parts of the UX design. I also chose to extend the task by creating a Trello-like front end and Swagger documentation for the API.

I worked on the project myself and therefore had a great responsibility in driving the project forward and to the goal. The result was a web application written in React and Styled Components at the front end. The backend used a test-driven development approach and contained NodeJS, Express, MongoDB, JWT, MochaJS, ChaiJS, and Swagger. The app is also complete with routing, authentication, and hosting at Heroku.

Jun 2020 - Aug 2020
Stockholm

Frontend developer

Rationell Mikro Teknik

Rationell Mikro Teknik is a small company that works to deliver systems that allow their customers to organize and interact with information in an intelligent way by their business goals and processes.

As the company's system has been around for a very long time, they now wanted to start implementing new technologies in systems. My job was therefore to help build a new search service on top of the old backend system.

I worked closely with the CEO, senior- and junior developer in challenging and stimulating conditions with changing requirements specifications and a new framework for the front end. The application included a front end in React, Typescript, and Sass. It also communicated with a Search API built with Azure Search Cognitive. The project also included a lot of UX design and research as this did not exist before I started there.

Mar 2020 - May 2020
Stockholm

Fullstack developer

Enwell AB

ENWELL is a turnkey contractor in sustainable energy solutions for home and property owners in Sweden. They have extensive experience in the industry and with an entrepreneurial culture, we are also a fast-growing group.

As a consultant from Forefront, my task was to help maintain- and develop new features to Enwell's internal CRM system.

I worked closely with project managers, product owners, salespeople, and senior developers in challenging and stimulating conditions with changing requirements specifications and a new framework for the front end and backend. We worked with agile sprints where you were assigned tasks in both frontend and backend. Also implemented an email parser that uses integrations such as Hitta.se and Google maps. Was also involved in decision-making and meetings about further development of the product.



May 2018 - Aug 2018
Arboga

Frontend developer

Saab AB

Saab is a Swedish company with the main focus on high technology in the defense industry, civil security, and aviation. The company focuses on three strategic areas: defense and security solutions, systems and products, and aeronautics.

The Saab department I was to be in had long had difficulty keeping track of how booked each employee was each week/month. So my job was to develop a resource allocation tool- and process for the entire department.

I worked closely with project managers, users, and another junior developer. As the project would be a quick fix, we were only allowed to use existing resources. Therefore, we choose to code a graphical user interface in Excel and authentication. The authentication flow helped to restrict the tool so only the project managers could allocate time in the system. I was also responsible for the project and for distributing tasks to the other developer

Employer

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| Forefront Consulting AB | Jan 2021 - Apr 2021 |
| Rationell Mikro Teknik | Jun 2020 - Aug 2020 |
| Forefront Consulting AB | Mar 2020 - May 2020 |
| Saab AB | Jun 2018 - Aug 2018 |

Education

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| Fullstack Open Source (Advanced Higher Vocational Education Diploma) Nackademin (Stockholm) - JavaScript - HTML 5 - CSS and SCSS - React and NextJS - NodeJS and ExpressJS - PHP and WordPress - Application Lifecycle Management (Docker and Kubernetes) - Object-oriented analysis and design - 24 weeks Internship as a Web Developer | 2019 - 2021 |
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| Computer Science (Ms.C Computer Science) Royal Institute of Technology (Stockholm) | 2016 - 2019 |
| - Applied Computer Science with Ethics (7.5 credits) | |
| - Industrial Economics, basic course (6.0 credits) | |
| - Human-Computer Interaction (6.0 credits) | |
| - Database Technology (6.0 credits) | |
| - Probability Theory and Statistics (6.0 credits) | |
| - Sustainable Development for Computer Science (7.5 credits) | |
| - Project assignment in introduction to computer science (3.0 credits) | |
| - Parallel programming in introduction to computer science (3.0 credits) | |
| - Software Design (10.5 credits) | |
| - Calculus in one variable (7.5 credits) | |
| - Programming Techniques (6.0 credits) | |
| - Algebra and Geometry (7.5 credits) | |
| - Numerical methods, basic course (6.0 credits) | |
| - Mechanics (9.0 credits) | |
| - The role of engineer and engineering knowledge (6.0 credits) | |

Language

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| Swedish | Native or bilingual proficiency |
| English | Full professional proficiency |

Commitments and Publication

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| The management team - Nackademin | 2020 - 2021 |
| Ambassador - Royal Institute of Technology | 2017 - 2019 |