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Andreas Gunnahr

Full Stack Developer

I am a highly motivated and driven full stack developer who is passionate about new and complex technology. I have experience in everything from full stack development of both small and large systems, API integrations, and design. I also have a wide range of technologies, everything from web development to DevOps and functional programming.
In addition to my expertise in programming, I think it's fun to work in teams because I have a background in team sports at the elite level. Would also say that I am very responsive and good at offering a new perspective on problems.

Selected assignments

Full Stack Developer — Forefront Consulting AB

Forefront is a business and IT consulting company which guide companies and organization in the digital landscape and other transformations. 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 AB

Rationell Mikro Teknik is a small company that works to deliver systems that allow its customers to organize and interact with information in an intelligent way. They needed a person who could develop a new front end for their search platform. I was commissioned to develop the front end and implement these improvements. I also took responsibility to improve and enhancing their UX design.

Full Stack Developer - Enwell AB

ENWELL is a turnkey contractor in sustainable energy solutions for home and property owners in Sweden. I was responsible for helping to maintain- and develop new features to Enwell's internal CRM system. The result of my work was improvements in the front end and an implemented email parser that used integrations such as Hitta.se and Google maps.
Was also involved in decision-making and meetings about further development of the product.

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Roles	Sectors	Competences
Full Stack Developer Frontend Developer	E-commerce Software Manufacturers Document- and case systems B2B	Azure DevOps, Swagger, Prisma, React, NextJS, Redux, Vue, NuxtJS, TDD, MochaJS, ChaiJS, Cypress, Python, Matlab, MongoDB, MySQL, TypeORM, Apollo GraphQL, GraphQL, JavaScript, jQuery, NodeJS, NestJS, ExpressJS, Heroku, Vercel, Docker Sass, CSS, Bootstrap, Material UI, Styled components, TailwindCSS, Storybook, Firebase, Git, Gitlab, Sketch, Figma, Scrum, UX, Design, Vanilla JS, Typescript
Tools Visual Studio Code MySQLWorkbench MongoDB Atlas Postman Google Analytics Figma Sketch	**Education** 2 year Ms.C Computer Science Advanced Higher Vocational Education Diploma - Fullstack Open Source	

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Assignments

Full Stack Developer
Forefront Consulting, Q1 2021 - Q2 2021

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 front end 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.

**React, NextJS, Typescript, Redux, Sass, Azure DevOps,
Angular, Node, Nestjs, MySQL, TypeORM,
Jest, Cypress, FakerJS, JavaScript, Vanilla JS, Git**

Frontend Developer
Hobby, Q1 2021

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.

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React, NextJS, TailwindCSS, Google Analytics, Markdown,
JavaScript, Vanilla JS, Vercel, Git

Frontend Developer
Nackademin, Q4 2020

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.

React, Styled Components, Firebase, Heroku,
JavaScript, Vanilla JS, Git

Frontend Developer
Nackademin, Q4 2020

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.

React, Styled Components, Firebase, Heroku,
JavaScript, Vanilla JS, Git

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Backend Developer
Nackademin, Q3 2020

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.

NodeJS, ExpresJS, Mongoose, MochaJS, ChaiJS, FakerJS, JavaScript, Vanilla JS, Git, Heroku, Gitflow

Full Stack Developer
Nackademin, Q3 2020

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 a 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.

NodeJS, ExpressJS, React, Styled Components, MongoDB, Mongoose, JWT, JavaScript, Vanilla JS, MochaJS, ChaiJS Swagger, Heroku, Git

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Frontend Developer

Rationell Mikro teknik, Q2 2020 - Q3 2020

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.

> **React, Typescript, Sass, Azure, Azure Search Cognitive, JavaScript, Vanilla JS, UX Design, Pair programming, Git**

Full Stack Developer

Forefront Consulting, Q1 2020

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.

> **Vue, Laravel, Material UI, Sass, Algolia search, MySQL, Mailtrap, API integrations, PHP, JavaScript, Vanilla JS**

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Full Stack Developer
Nackademin, Q4 2019 - Q1 2020

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.

> **NodeJS, ExpressJS, Handlebars, Sass, MySQL, PassportJS, Multer, JavaScript, Vanilla JS, Heroku, Git**

Frontend Developer
Saab AB, Q2 2018 - Q3 2018

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.

> **Excel, Macro programming, Authentication, Resource allocation**

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Other

The management team - Nackademin

While studying the Fullstack Open Source program at Nackademin, I was part of the management team for the education. My task was to be the bridge between the management team and my classmates in my program. We also helped to make education better in the coming years by presenting opinions and feedback to the companies responsible for our education

Ambassador - Royal Institute of Technology

I worked as an ambassador to help prospective students in their selection process when they have to choose their new education after high school. I played a key role in our various information works activities - where I offered a student's point of view to prospective students and also shared my experiences of studying at the Royal Institute of Technology.
The job included a lot of presentations and lectures for students. This has contributed to
I got a good presentation technique and convenience in front of both small and large groups.