CECILIE DREYER LYNG
Junior Software Developer

👤 Profile

I am a passionate and detail-oriented junior sofware developer with a strong foundation in React.js. As an experienced entrepreneur, strategic thinker, I can kick-start products and businesses. My work showcases my ability to blend creativity and technical expertise to build engaging and functional web applications.

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💻 cecilielyng.dev

📍 Aarhus, Denmark

Courses & Bootcamps

IBM Back-End Development
2024 October - current

IBM Generative AI and LLMs: Architecture and Data Preparation
2024 October

SheCodes Developer Bootcamp
2024 Jan - June (full time)

Education

MA Arts Administration
Goldsmiths, University of London
2015-2016

Music Law
UCLA
2014

Bsc Economics & Business
Aarhus University
2012-2015

Skills

HTML + CSS	Responsive
Bootstrap	React.js
JavaScript	Python
API	Git
Github	Data Visualization
Hosting	Data Structure
OOP	Data Manipulation
AI	VSCode

💼 Work Experience

2024 - current

Factorise Solutions
Developer Intern (September - December)

- Focus on AI & Machine Learning
- Creating an overview of the software architecture to ensure we can more easily onboard new team members
- Researching cost structures for data sources
- Evaluate performance of LLM and improve RAG

2018 - current

Banders
Founder

- Raised pre-seed / pre-revenue investment
- Built platform in collaboration with London-based software agency
- Enabled users (artists) to collaborate with fans during release campaigns
- Pivoted during pandemic to artist management where I now manage artist businesses and help them launch products

2022 - 2024

Global Rockstar
Rights Acquisition Manager & Product Manager

- Developed the valuation model for their platform where fans can invest in music rights
- Worked closely with CMO to define product strategy in competitive landscape

2018 - 2022

C8 Associates
Project Manager

- Project lead on implementing the remuneration right for performers as part of the new EU Copyright Directive in key member states.

📖 References

Roger Planes
Silicon Rhino / CEO
Email: roger@siliconrhino.io

Christian Hörlberger
Global Rockstar / CMO
Email: christian@globalrockstar.com

SELECTED PROJECTS

Below you will find a description of how I've built various projects mainly using HTML + CSS, React.js, Bootstrap and APIs. You can also check out my portfolio at cecilielyng.dev and see my activity at my GitHub account.

Weather App

Technologies: HTML + CSS, React.js, Bootstrap, API (Axios)

- I started by writing out a solid HTML structure and made sure I had the necessary div elements with clearly defined classes. That allowed me to add the initial CSS styling using Bootstrap that easily allowed me to format the rows and columns needed
- I imported MaterialSymbols to be able to use symbols and Axios to be able to call a weather API
- I researched APIs that allowed for daily weather data and forecast data. I chose open weather map because they had good documentation and was freely available
- I added an onChange event handler to the form and created a useState variable "city" so that the city name is updated and stored whenever something is typed into the search bar
- I added an onClick event handler to the form so the API is called using the information stored in the useState variable "city"
- Added a "weather' useState variable to store all weather data from the API in an object to easily include the information in my return
- I added a "loaded" useState variable to enable the API to get called once when a user lands on the page before making their first search ensuring a smooth user experience
- I added new components to calculate fahrenheit, to calculate the time and to get and format the forecast
- I send data from the main component to each of the other components and retrieve it by using 'props' in the functions

Random Quote Generator

Technologies: HTML + CSS, React.js, Bootstrap, API (Axios)

- I started by writing out a solid HTML structure and made sure I had the necessary div elements with clearly defined classes
- That allowed me to add the initial CSS styling using Bootstrap to easily center the main wrapper on the page
- I imported Font Awesome to be able to use brands and icons easily and Axios to be able to call APIs
- I then researched various APIs that provided random quotes and chose the simplest one that I called using Axios
- I considered building a new React component for the actual quote but it seemed over-engineered
- I used useState variables to store and show the changing quotes
- Finally I added an array of color codes and used math to randomly select a colorcode and to update the root variable as a new quote was generated using the setProperty method

AI Bedtime Rhyme Generator

Technologies: HTML + CSS, JavaScript, API (Axios), AI

- I built a simple form using HTML and styled it to make it look like a search bar
- I used an API provided by SheCodes and built the API url defining a prompt and a context
- I made sure the prompt includes the form input from the user
- I made the context was very positive, detailed and extremely specific and based on the target user
- I imported a typewriter package to make it look and feel like chatting to an AI
- I updated the design to fit the subject matter