

Max Bye
2500 Pennsylvania Avenue NW, Washington, DC 20037, United States
+12029824170, maxbye@gmail.com
maxbye.co

Skills

- *Frontend Development:* Next, React, Tailwind, Angular, Vue.js, Ember.js, Three.js
 - *Backend Development:* PHP, Go, C#, Java, Python, MongoDB, MySQL, Node, C#
 - *Tools & Services:* GraphQL, , Jenkins, AWS, Azure, Docker, Kubernetes, Babel
 - *Design:* Figma, Azure, Canvas, Sketchup, InVision
 - Strong product design, stakeholder management and communication skills
-

Work

BP

08/2023 – present

Senior Software Engineer

- Built a web portal in Angular to dispatch battery instructions in real-time
- Designed a time-based API to handle and resample high-frequency battery data
- Developed internal web applications supporting BP's renewable energy teams
- Azure Data Lake infrastructure that resamples time-based data more efficiently and 10x more cost effective than the existing MySQL solution.

Dare

02/2023 – 08/2023

Senior Software Engineer

- Led and supported multiple frontend teams across various renewable energy products
- Developed a battery storage platform showcased at the 2023 Renewable Energy Summit
- Designed an online onboarding platform for new joiners in the clean energy division in React

General Assembly

11/2021 – 02/2023

Course Lead

- JavaScript and React course leader and teacher
- Software Engineering Immersion course leader and teacher

TechSoup

07/2017 – 02/2023

Software Engineer

- Built a vanilla JavaScript data framework used across multiple teams
- Created a React UI library for the company-wide CTP platform
- Developed several e-commerce applications in React and AngularJS using Redux, MobX, and Jotai for humanitarian campaigns

Plumis

09/2016 – 07/2017

Senior Frontend

- Developed a fire sprinkler mapping system using JavaScript
- Migrated application from LEMP to MEAN stack, resulting in a 40% performance improvement and enhanced scalability.

Rebel Minds 11/2015 – 08/2016
Frontend Engineer

- Created and launched the WordPress website for [The Entrepreneurs Network](#)
- Designed and developed the [Go-Ahead website](#) in AngularJs

Virtually Free Ltd 11/2014 – 11/2015
Software Engineer / Product Manager

- Designed and developed the [Stress Free](#) app in JavaScript with Cordova for iOS and Android
- Contributed as a developer on the *Oculus Rift* project for anxiety, using Unity and C#

The School of Life 03/2014 – 11/2014
App Developer

- Designed and developed a website for 100 Questions in JavaScript with Alain de Botton

Entrepreneurs First 12/2013 – 03/2014
Happiness (arduino project)

- Developed Arduino prototype to measure people's sweat and provide recommendations

Freeformers 12/2012 – 12/2013
Lead Trainer and Course Developer

- Developed JavaScript coding workshop for clients like Barclays Bank, Aviva and Facebook
- Created and ran six volunteer hubs teaching coding to underprivileged children
- Web developer and designer on [Freeformers](#), [Makethingsdostuff](#) and [Boxticks](#)

Previous Work

During university, I traveled between university and Amsterdam to assist in the development of the mental health website [Black Dog Tribe](#). After winning their internal hackathon at M&C Saatchi (2012), I interned there as a web developer.

Other

Designed and developed the websites [Frazzled Cafe](#), [Future Resilience](#) and [The Kindness App](#) which had over 8,000 downloads on iOS and Android

Education & Certificates

| | |
|--|-------------|
| Completed a CompTIA Security+ certification | 02/2025 |
| University of Goldsmiths (London) | 2011 – 2012 |
| MSc Computer Games And Entertainment (2-1) | |
| University of Southampton | 2008 – 2011 |
| BSc Physics (2-1) | |