

Ali Mahmood

DEVELOPER. DESIGNER. TECH-ENTHUSIAST.

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Education

BSc Computing

University Of East London
1st Class Degree
2011 – 2015

Key Skills

Mongo DB	KendoUI
Express.js	GraphQL
Angular	Nest.js
Node.js / NPM	Nrwl/nx
TypeScript	NGRX
Angular Material	AWS
Karma / jasmine	AEM
Mocha / Chai	Git
Adobe Photoshop	React.js
Adobe Illustrator	SASS
Storybook	JAVA

Hobbies & Interest

- Keeping up to date with the latest technologies by reading developer articles and developer magazines.
- Participating in personal development projects while collaborating with friends and colleagues.
- Building computers from the ground up as a system performance enthusiast.
- Gaming and game level design.

Experience

Tech Lead at Vanguard Asset Management

Somo Global Ltd.
August 2021 – Present

Developing a modern design system that unifies all customer and B2B facing web apps including their respective data services.

- Leading a team of developers including mentoring.
- Architected and developed a new component library for all Vanguard sites using Angular and nrwl/nx.
- Orchestrated deployments throughout all B2B sites.
- Architected, developed and integrated cookie consent compliance on all B2B sites.
- Migrated legacy components to the new library including their respective API's.
- Integrated and developed new and legacy components to be used in Adobe Experience Manager.
- Architected CI/CD pipelines for the new component library.
- Introduced semantic versioning and conventional commits in Vanguard, while integrating this to be a part of the releasing process.

Lead Developer

Dentsu International Ltd.
August 2020 – August 2021

Dentsu International Ltd. is a multinational media and digital marketing communications company headquartered in London, United Kingdom.

- Lead a team of 30 developers including mentoring.
- Built a data visualisation library based on D3 and react.
- Worked with high profile brands such as Coca-Cola, Ikea, Philips and Arla to deliver data visualisation dashboards.
- Worked with React, GraphQL and Material UI.
- Developed component libraries to be consumed by multiple projects within Dentsu and by our clients.
- Built CI/CD pipelines with rigorous quality control gates and unit testing.

UI Architect

Telrock Systems Ltd.
July 2019 – August 2020

Telrock is a global Fintech company that provide SaaS based solutions for customer engagement throughout the credit lifecycle, and enterprise-wide integrated debt collections and recovery for consumer debt.

- Lead a team of 3 in-house front-end developers.
- Worked on the Smart-Connect platform using Angular, GraphQL and KendoUI.
- Developed a dynamic UI that generates UI components based on a configurable JSON object by the user to create a custom, bespoke and personal UI.
- Developed data-visualisation and data-reporting interfaces using KendoUI and a bespoke query-builder.
- Introduced CI/CD pipeline for the front-end platform using Jenkins. This includes the automation of publishing private NPM packages and code coverage.

References

Available upon request.

- Developed an automated text message pipeline using jointjs. This allows debt collectors to visually configure and setup their own automated text messages using an easy to use, drag and drop tool.

Experience cont.

Software Engineer

Mporium plc.

March 2018 – July 2019

Mporium is digital marketing company that allows its customers to trigger advertisements on-the-fly based of signals through different media and advertising platforms in real-time.

- Developed the interface for Mporium's lead application using Angular with rxjs, ngrx and Auth0.
- Designed and developed a CI/CD architecture for Mporium's front-end platform using firebase and CircleCI.
- Developed E2E tests using Cypress.io for informative, real-time reports as apart of the CI/CD pipeline.
- Introduced feature flagging for Mporium's front-end platform for feature management and releases using LaunchDarkly.
- Architected a mono-repo for Mporium's front-end platforms using Nrwl.io/NX
- Developed a RESTful middleware for the front-end platform using Node, express.js with the nest.js framework.
- Developed and designed the RESTful middleware to consume multiple services from on AWS, Azure and firebase.
- Developed and designed bespoke interfaces, UI components using Angular material.
- Handled and displayed real-time data-driven ad data to be consumed by the user.
- Developed a 'self-service' UI journey for a user to create, configure and trigger their adverts on the fly.

Full Stack Developer

Torch Markets Ltd.

January 2016 – March 2018

Torch Markets is a Fintech start-up. It is a brokerage that adds value to the market by providing a free trading platform with various components (e.g., machine learning, back-testing, and a strategy builder) to help their clients.

- Developed Torch's website using the full MEAN stack.
- Designed and Developed Torch's algorithmic trading platform using Angular 4 and Node.
- Created a RESTful API layer using express.js that interacts with ID3 Global and Star Financial Systems to run background checks on registering and existing users.
- Developed and integrated a KYC (Know Your Customer) check in the customer on-boarding process using Salesforce Apex which is FCA and CySEC (Cyprus Securities and Exchange Commission) approved.
- Created a content rich user experience using angular and the greensock.js animation package to provide an immersive user experience.
- Consulted with directors to make executive key UI and UX decisions.
- Successfully setup Amazon AWS including EC2, Dynamo DB and route 53 to deploy MEAN web applications.
- Enhanced front-end charting for a trading platform that allows modular templating using SASS.