David Adler

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Nationality: British & Brazilian
in linkedIn   github

Experience

May 20 – Nov 23 **CTO & Lead Engineer**, *OurCal, London, UK*

- React Native, Typescript, NodeJS, Swift, Objective-C, iOS, Android, ReactJS, NextJS, WatermelonDB, Serverless, DynamoDB, SQLite, AWS, GCP, Firebase, Encryption, SQS, SNS, CloudWatch, CloudFront
- Owned the architecture and build of an End-to-End Encrypted shared calendaring app with integrated chat features
- Built multiple native iOS app features in Swift including a native keyboard, native widgets and a Notification Service Extension
- Built and patched multiple native modules written in C++, Objective-C, Swift, Java and Kotlin
- All app UI was fully optimistic and functional offline
- Built custom React Native worker module to alleviate pressure on main thread
- Instrumental in pitching and fundraising £2.75m
- Hired and lead a team of 2-4 exclusively senior engineers
- >10k downloads and rated 4.8 stars on the App Store

Mar 19 – Jun 20 **Tech Lead**, *Crowdform, London, UK*

- React Native, Typescript, NodeJS, React, GraphQL, SQL and MongoDB
- Leading architecture discussions and technical scoping
- Client facing role in winning proposals and progress updates
- Guiding and managing junior engineers

Mar 19 – Jul 19 **Cohort Member**, *Founder Institute, London UK*

- Python, Djano, Postgres, Preact
- Graduated from World's Largest accelerator program. Founded and launched marketplace for dance classes.

Sep 18 – Jan 19 **Senior Full Stack Engineer (Contract)**, *Fundstack, London, UK*

- Lead technical vision to build backend ETL process
- Typescript, React Native, NodeJS, SQL

Jul 18 – Sep 18 **Senior Full Stack Engineer (Contract)**, *Finimize, London, UK*

- React Native, Typescript, NodeJS, Javascript, Python, Django, SQL, GraphQL

Feb 18 – Jul 18 **Senior Full Stack Engineer (Contract)**, *OFTN, San Francisco, US*

- Peer to peer CDN
- Go, Service Workers, Redis, Typescript, React Native, Javascript and Web Sockets.

Mar 17 – Feb 18 **Senior Full Stack Engineer (Contract)**, *Clevertech, New York, US*

- React, NodeJS, KnexJS, SQL, Postgres, Docker, ES6+, Webpack
- Premiere financial clients and fintech startups. Managed client relations and other developers.

May 16 – Oct 16 **Senior Full Stack Engineer (Contract)**, *Cloudfind, Bath, UK*

- Lead technical vision to streamline and rewrite backend ETL process.
- Django, Python, NodeJS, Postgres, Celery, Angular, AWS SQS, docker
- Profiled and improved bulk SQL upsert performance 200 fold

Jun 15 – May 16 **Founder and CTO**, *Fube, Remote*

- Ruby on Rails, Resque, Rspec, Angular, Karma, Gulp, Guard, Browserify, SCSS, BDD
- A social music discovery startup. Fube generates playlists by integrating Facebook, Youtube and freebase APIs
- Fube was officially approved by Facebook and had over 300 active users

Apr 14 – Jun 15 **Full Stack Developer**, *Search Team - Chaordic, Florianopolis, Brazil.*

- Python (Flask), Angular, Elasticsearch, Git, Redis, Rsync, AWS (EC2, S3, Cloudfront), Docker, Ansible and Nginx
- Brazil's largest e-commerce recommendations company, integrated with over 60% of Brazil's e-commerce. Search requests exceeding 6k RPM
- Developed the autocomplete widget which lead to a 50% increase in search usage and 10% increase in ecommerce sales

Aug 13 – Dec 13 **Full Stack Developer**, *SuperAwesome, London, UK.*

- Django, Python, Javascript, Heroku, S3 storage, git, HTML5 canvas
- Innovated and developed a front-end automator web app which optimized front-end build time from   5 hours to   1 minute Presented web app to complete staff
- Developed multiple HTML5 canvas mini-games

Education

2013 – current **Online Courses**

- Cryptography I, Stanford University, Coursera
- Database Systems, Carnegie Mellon University
- Algorithms I & II, Princeton University, Coursera
- Compilers, Stanford University, Coursera
- Hardware Software Interface, University of Washington, Coursera
- Object Oriented Programming in Java, University of California, Coursera
- **Udacity:** Intro to Algorithms, Javascript Design Patterns, Relational Databases, Web development.

2009 – 2013 **2:1 (69%) BSc Honours Neuroscience**, *University of Manchester* , UK.

- Computational Neuroscience Project (awarded 1st): Disproved validity of a pioneering artificial intelligence algorithm. I designed machine learning algorithms which innovated classical neural networks based on bleeding edge neurobiology.
- Unlike my peers I designed my final year project without assistance and had been working on it since the summer before out of passion for the topic.

2005 − 2009 **Secondary education**, *Ibstock Place School, St. Paul's School*, London, UK.

A levels: Physics (B), Maths (B), Biology (B). AS level: French (B).

GCSEs: 1A*, 5As, 4Bs + Triple Science.

Languages English (native), Portuguese (fluent), French (advanced) and Spanish (advanced).