DANIEL KENTFIELD

FULL STACK DEVELOPER

PERSONAL PROFILE

Full stack web developer from the UK with a strong passion for learning new skills. Experience in React, Angular, Node, Java, Typescript and always open to learning new technologies.

CONTACT

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EDUCATION

Coventry University
Bachelor in Business, 2014

LANGUAGES

- English (Native)
- Russian

SKILLS

- HTML5 & CSS3
- Javascript - ES6+
- Typescript
- React
- React native
- Redux
- Java (spring boot)
- Git
- NOSQL DB's
- AWS Serverless event driven microservices architecture
- AWS Lambda, DynamoDB, SNS, EC2, Elasticache etc.

PERSONAL PROJECTS:

ForeignEars (app + microservice backend)

ANDROID APP ON Google play

REACT NATIVE, REDUX, NODEJS, DYNAMODB, APIGATEWAY, SNS

- A React Native app (currently in alpha) that allows users to learn a language by listening to podcasts in foreign languages and read the transcriptions simultaneously.
- Data is managed using redux saga and redux persist, which wrap the native Asyncstorage API.
- React navigation is used for native navigation between screens.
- Supported by a full serverless backend:
  - AWS lambda (node),
  - Dynamodb,
  - SNS,
  - API gateway.
  - Redis

Gym tracker app (MERN stack):

REACT NATIVE, REDUX, AWS S3 & EC2, NODEJS, MONGO.

- A React Native app which allows users to authenticate, save workout plans, add exercises and track gym workouts.
- Data flows through Redux and is sent to an express server which handles validation and error handling alongside mongoose, before sending data on to a mongoDB database.
- The node server ran on an AWS EC2 server.
- The app works offline by saving data in local storage using the native Asyncstorage API.
- React navigation is used for navigating between screens.

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WORK HISTORY:

2019 Jun - Now - ClickTravel - Senior Software Engineer

- Whilst working remotely I have led several small teams (of 3 - 7 devs) to develop integrations with suppliers.
- I was responsible for handling and resolving multiple critical production incidents and implementing future prevention strategies.
- We used the Agile methodology, enabling us to ship small deployments - often multiple times per day into production.
- Much of my backend development work was extending our microservice architecture, consisting of hundreds of microservices running on AWS lambdas, EC2's, dynamodb, SNS queues, Redis clusters and interacting with our Redshift PostgreSQL database.
- I helped to spear-head the move to static typing for node projects.
- I worked with customer focused internal teams to design, extend and maintain multiple React-redux projects used to manage customer support.
- I extended and maintained a large Angular SPA used as the frontend by our customers.
- I built and maintained new CI/CD pipelines and AWS Cloud formation templates for several new greenfield projects.

2017 - 2019 - Kentfield Group Ltd

- Remotely managed a small team of 3 to create GUI's for inflight entertainment units for an international airline.
- Tasks included creating GUIs from photoshop files, encoding movie files, managing stakeholders and associated business administration.

Apr 2017 - Dec 2017 - N3 - Microsoft Azure IOM

- Worked closely with Microsoft Azure customers to help them better understand and use the Azure platform and services. Often recommending different services that can prove more financially efficient.
- Answered technical questions regarding the azure platform and services.
- Automated and rolled out the email outreach portion of my teams tasks saving approximately 4 hours per week per person.