BEDE KELLY

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bede.io/projects

Adaptable, multidisciplinary full-stack engineer and engineering manager.

Alpima – Lead Frontend Engineer
Employee: Jun 2020–Apr 2022
Contract: Dec 2019–Jun 2020

Hired, mentored and managed a new team of 6 engineers to overhaul flagship product offering managing $1T+ in funds. Taught workshops in RxJS, TS & more.

React · Cypress · MongoDB · RxJS

Accenture – Contract Developer
Mar 2018–Sep 2018

Rebuilt E.ON's signup site for UK and Germany resulting in 10k+ new users. Ran regular client-facing meetings with vendors, QA and offshore teams.

React · Redux · Jest · Enzyme · AEM

Vanti – Full-Stack Internship
Jan 2018–Mar 2018

Developed a luxury hotel experience. Introduced daily standups and agile approach; worked with legacy hardware.

Node · Apache Thrift · Kubernetes

Abide Financial – Contract Developer
Aug 2017–Jan 2018 (part-time)

Regulatory data processing: 100% acceptance rate for 2M+ transactions.

Python · Flask · XML Validation

ITV – Scala Developer Internship
Jun 2017–Dec 2017

Built a public API for personalised recommendations on iOS; heavily load tested for >7k/s requests. Developed an internal CMS for ITV Hub images.

Scala · HTTP4S · Elm · Lambda · S3

MyOptique – Summer Internship
Jun 2016–Sep 2016

Prototyped a promotions admin system.

Python · Django ORM · Angular JS

TypeScript · Python · C · Scala
React · Redux · RxJS · Elm
Flask · Express · Docker · AWS
Redis · PostgreSQL · Firebase

Awards & Responsibilities

AWS Solutions Architect, 2021
Certified S.A. Associate (2021—2024)
Lambda · ECS · S3 · SQS · VPC

MLH Winner, HackTheMidlands
Fast QR code payments with Stripe
Firebase · RTDB · PaymentRequest

Minim: First Class Dissertation
Offline-First Music Production Toolkit
PWA · Web Audio · MIDI · Worklets

Best Use of AWS, HackUPC
Prototype low-cost panic button.
EC2 · Lambda · Express · SocketIO

JavaScript/Python Workshops
Web Audio · RxJS · NumPy · Fractals

British Computing Society
Committee member for 3 years

Education

B.Sc. Computer Science (1st)
Grad. 2019, University of Birmingham

Recommendations

"Truly passionate about his craft... he lives and breathes technology. Brimming with new ideas."
Edan Edison, Technical Lead at Accenture

"Bede was pivotal in developing and launching one of ITV Online's key business priorities for the year."
Mark Tucker, Senior Product Manager at ITV

→ More recommendations at bedekelly

→ Personal projects at bede.io/projects