

Adaptable, multidisciplinary full-stack engineer and engineering manager.

▲ Alpima – Lead Front-End Engineer

Employee: Jun 2020–Present

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 new concepts in workshops/pairing such as Observables and type variance. 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; was jointly responsible for third-party vendors, QA testing and two offshore teams. React · Redux · Jest · Enzyme · AEM

V 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 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

JS **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

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→ Personal projects at [bede.io/projects](#)