

Nik Rahmel

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Personal Profile

I am currently a Software Engineer at BBC iPlayer, with a keen interest in future media, technology, news and broadcasting.

Professional Experience

2017 – Present **Software Engineer at BBC**

Part of the iPlayer Business Layer. Working on the Node.js iPlayer REST and GraphQL APIs serving over 100 million requests/day to mobile apps, connected devices and the responsive website.
Leading Cross-Platform engineering and consultation efforts for Personalisation, Serverless Optimisation, Event Scaling, and Machine Learning (Tensorflow and Managed Services – GCP, AWS and In-House)

2015 – 2017 **Graduate Developer at BBC**

1. Backend Software Engineer: Vivo API. Developing Scala services for a bespoke in-browser live event CMS
2. Frontend Web Developer: iPlayer RW. Working in Playback & Catalogue teams. React/Node/AWS
3. Mobile Applications Engineer: News iOS. Working on World Service news apps, and prototyping for tvOS and watchOS

2013 – 2015 **Photographer at University of Exeter Students' Guild and Freelance**

Photographer for a range of jobs that accrue within the organisation (Marketing, Corporate, Entertainment)
Freelance photography for a variety of external clients.

2014 (3 months) **Junior Linux Systems Administrator (IT & Web Operations) Intern at Brandwatch**

Leading development of bespoke system to integrate Asterisk VoIP with Salesforce.com for tracking.

2013 (4 months) **Web Developer at Gordon Morris Ltd.**

Lead Project Manager and Developer for PHP/MySQL Online Questionnaire program

2012 (1 month) **Intern at METRO PROPERTIES GmbH & Co. KG**

Supported the Project Management process for a month; involved in the departments of
"Planning" (*CAD-processing with AutoCAD Architecture 2013*), "Tender/Contract/Payment" (*SAP*), "Project Management" (*Contract Draw-Up*) and "Technical Property Management" (*On-Site inspections and interviews*).

2011 (1 month) **Intern "Systems Integration" at Kreisverwaltung Mettmann**

Software Deployment. 2nd Level Support. Conferences & Workshops (MS SCCM, Data-Centres, Citrix Xen). Evaluation of tablets computers as Thin Clients to existing infrastructure

Education

2017 – Present **The Open Univeristy**

MSc Technology Management (Completed: T849 Innovation Management)

2012 – 2015 **The University of Exeter**

BSc (Hons) IT Management for Business (2:1)
Final year project: *Real-Time Watermarking of H.264 Video Streams* in C/C++ & Web based GUI.

Certifications

2018 **AWS – Certified Solutions Architect** Associate Level. Validation number: LC48Q5BCB2R11TWP

Voluntary Experience

2017 – present **Trustee at Student Television Alumni Network**

Overseeing the development of STAN, and collaboration with NaSTA and other relevant bodies.

Hobbies

Development projects – IoT and real-time distributed web communications.
Photography.

Others

Full, clean **European Driving License**.
Fluent in **German**.