

Junior Software Engineer

This is a chance for you to shape innovation at the heart of BBC news.

News Labs is a small team experimenting with new approaches to news and prototyping new tools – from exploring the potential of Virtual Reality to social media bots or tools helping journalists make cutting edge videos in multiple languages

We are looking for an imaginative, flexible full stack developer to help News Labs discover new ways in which we can power new tools for our journalists and fresh digital formats for our audiences.

Please visit our blog to see some of the projects we have been working on:

<http://bbcnewslabs.co.uk/projects/>

Key Responsibilities

- An enthusiasm for News with a willingness to experiment and try new solutions to problems faced by editorial and technical teams.
- Flexibility to deal with changing projects and priorities in a short space of time.
- Strong knowledge of software architecture principles.
- Excellent development skills and experience building applications: Node.js ideally
- Proven experience of test driven development: unit and integration
- Experience of Agile Programming, pairing and working within a collaborative team
- Understanding of Service Oriented Architectures and consuming RESTful web services via HTTP.
- Experience of deploying and supporting applications deployed to AWS
- Experience with front end development.

Introduction

BBC Design & Engineering is the division responsible for all of the BBC's digital media services and provides innovative leadership in the fields of digital, technology and media management.

The Junior Software Engineer will be reporting to the Principal Software Engineer and will be responsible for the implementation of effective software and tools for allocated designs.

Main responsibilities

- Develop effective software that meets given specifications, supported by others in the team
- Write appropriate tests using automated test driven techniques for ensuring code quality
- Integrate the software with monitoring and support tools, supported by others in the team
- Contribute to technical documentation

- Help to troubleshoot and resolve issues throughout

The ideal candidate

The ideal candidate will have experience in the following:

- 1 year experience developing production software
- Competence in one or more mainstream development languages and frameworks
- Experience of one or more mainstream development and deployment tool chains (IDE, SCCS, CI)
- Experience of database use in software applications
- Knowledge of the web architecture and key technologies (HTTP, DNS, distributed design)