Matt Phillips

Open source software engineer passionate for solving complex problems with elegant solutions; writing clean, test-driven code; learning new technologies, techniques and best-practices.

Passionate for pure functional programming.

EXPERIENCE

Shell, Contract Tech Lead

October 2018 - May 2019 | London

Delivered an in-house incident tracker for the whole of Shell's worldwide operations. The system consolidates several off the shelf solutions that are outdated and laborious to use.

Tech used: Typescript, Node, GraphQL, Postgres, Docker, Kubernetes, Azure, CircleCI, Jest, React and Apollo.

Compare The Market, Contract Senior Software Engineer

February 2018 - August 2018 | London

Led the development of the new indicative quoting system that schedules automated quotes based on users' preferences and business priorities. Mentored several junior engineers new to the industry in Node/TDD/Pair Programming/XP and best practises.

Tech used: Node, Kafka, Scala, Docker, Kubernetes, Jest, MongoDB, Jenkins, and AWS.

Eurostar, Contract Senior Software Engineer

October 2017 - December 2017 | London

Delivered Eurostar's new Hotels platform working as part of a cross functional agile team. I helped upskill other developers in functional programming techniques.

Tech used: React, Scala, Next.js, GraphQL, Apollo, Jest, Express, Heroku, AWS and CircleCI.

Photobox, Contract Senior Software Engineer

March 2017 - October 2017 | London

Led on the delivery of a new REST microservice platform built in Node, orchestrated with GraphQL and a data driven server rendered React/Redux application. I led the team on best practices, fostering an open source mentality and up-skilled existing engineers.

Tech used: Node, GraphQL, Docker, DynamoDB, React, Redux, Koa, Jest, Git, Jenkins, AWS and Kubernetes.

HSBC, Consultant Software Engineer

June 2016 - March 2017 | London

Played a key role in delivering the new account opening journey in 6 major worldwide markets with a server rendered React/Redux application and Java microservice system APIs as part of HSBC's digital transformation. Setup CI/CD pipeline in Jenkins. Practices included TDD, Pair programming, Code Reviews and CI/CD.

Tech used: Java, Spring, Maven, React, Redux, Node, Express, Mocha, Chai, Sinon, Git and Jenkins.

CONTACT

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mattphillips.io

GitHub mattphillips

LinkedIn mattphillipsio

OPEN SOURCE

Jest Maintainer

Jest Community Member

11 packages published

> 10 million monthly package downloads

> 1,500 stars on GitHub

SKILLS

Backend
Node | Scala | Java | GraphQL | SQL | Kafka | RabbitMQ | Postgres | MongoDB | DynamoDB | AWS | Docker | Kubernetes

Frontend
JavaScript | React | Redux | Babel | Webpack | Prettier | Next.js | Jest | Enzyme | HTML | CSS

Tools
TypeScript | Git | GitHub | Sketch | VIM | Jenkins | Travis | CircleCI | SBT | Gradle | Flow | ESLint | Yarn

Practices
TDD | Pair Programming | Extreme Programming | Continuous Integration | Continuous Deployment | Code Review | Kanban | Agile | Teaching | Mentoring

INTERESTS

Open Source Software | Functional Programming | Haskell | Rust | ReasonML | Elm | Mathematics | Physics | Category Theory

Red Badger, Software Engineer

May 2016 - March 2017 | London

Worked as part of a cross-functional team working in Kanban, consulted at HSBC and developed the React London meetup website and in-house CMS.

Football Radar, Software Engineer

February 2016 - May 2016 | London

Maintained existing systems, identified and fixed performance bottlenecks and increased test coverage.

Tech used: Scala, SBT, ScalaTest, Postgres and JavaScript.

British Telecommunications, Software Engineer

September 2014 - February 2016 | Ipswich

Delivered a key SOA system for network planning automation which saved the business in the region of £2 million. Led on a network monitoring dashboard/visualisation tool that alerted engineers to any faults in the network which drastically reduced outage times.

Tech used across projects: Java, Scala, Groovy, SQL, Git, JMS, Oracle DB, JavaScript, Node and React.

EDUCATION

University of Nottingham, BSc (Hons) Computer Science 2:1

September 2011 - June 2014 | Nottingham