Bernard Mordan

Software Engineer

tl;dr

I have 5 years experience as an IT manager and ICT workshop lead. I have 3 years of experience writing commercial applications for the web. 12 months working on a Government software project. 2 years coaching young people to become software engineers.

Origin Story

Feb 2019 - now WhiteHat

Software Engineering Coach at WhiteHat. I have been designing and developing the curriculum for the level 4 software engineering apprenticeship. I am responsible for cohorts of 18 - 24 year olds undertaking a Level 4 apprenticeship. During the 18 month apprenticeship I deliver 3 months of tuition, set monthly assignments, review and coach apprentices to create a portfolio proving a set of technical competencies set by BCS (The Chartered Institute for IT). I conduct regular progress reviews with line managers and see apprentices through two exams.

Feb 2018 - Feb 2019 Home Office

I was a Senior Node js developer in the Home Office. I Worked on an internal tool providing search capability and visualisation over a large dataset (2.5 billion nodes, 3 billion edges). As a full stack developer I extending the backend API (nodejs, elasticsearch, neo4j) with new functionality. I maintaining the frontend, porting an Angular 1.5 app to React. I delivered new features, repairing broken tests (added pre-commit hooks for tests, and test coverage reporting). I worked with Kubernetes and created a ETL (extract transform and load) pod that automated the ingestion of data into our datastores. Most interest task was taking the cypher queries and python code created by the data scientists on our team and rendering their algorithms in javascript ready for production.

Autumn 2017 Freelance

While waiting for security clearance to start work at the home office I created an online course https://www.udemy.com/functional-programming-with-ramda introducing developers to functional programming concepts in javascript using the Ramda library. This is still earning me money today! I worked with the director of the Christian Muslim Forum to redesign and rebuild their website. http://www.christianmuslimforum.org.

2015 - 2017 TABLEFLIP

I joined TABLEFLIP as a Junior Developer and working in a team of four developers delivering sites for startups, small businesses and individuals. All my code at TABLEFLIP was reviewed by the two senior developers who ran the company. I have been well schooled in good practice. We worked in an agile way with clients and I was responsible for working with them and organising our work with them into 5 day sprints.

Autumn 2014 Makers Academy

I completed the Makers Academy 12 week course. I was introduced to test driven development, Ruby, Javascript, HTML5, worked with APIs and much more. In Makers Academy we paired everyday, worked in teams and had to complete weekend coding challenges. At the end of the course I was voted 'Person most likely to change the world' by my peers, something I was very proud of.

Our final project at Makers Academy *(September 2014 cohort)*. A Meteor app for mobiles and the web. Here is a demo video here is the repo. I still think this is a really impressive achievement.

2008 - 2014 Evelina Children's Hospital School I was the IT manager of Evelina Children's Hospital school in St Thomas Hospital, SE1. I looked after a small network of windows computers, ipads and laptops. Part of my role was to run computing workshops three times a week to sick children aged between 5 and 16. I was responsible for the school data and learnt SQL which helped to being great benefit and insight to the Headteacher. This is were my real interest in learning to programme was awoken. It was during quiet afternoons on reception that I started to teach myself to code.

2006 - 2008 Kagyu Samye Dzong London I volunteered as and admin assistant to Lama Zangmo, and worked in the office of Kagyu Samye Dzong London Tibetan Buddhist Center.

2004 - 2006 Fusion Glass Designs I worked for Fusion Glass Designs in the kilnforming department. We made architectural glass and shipped it all over the world. Half a dozen of the projects I worked on can be viewed and visited in London.

1997 - 2003 I studied Buddhism full time. I lived and worked in Buddhist Centers based in Somerset and Wales then Dublin.

1994 - 1997 Dartington College of Arts BA HONS Theatre and Arts Management