Joseph Hardwicke

Skilled software developer with a versatile working style. Able to adapt quickly to new environments and learn new skills within a short time frame. I ensure my work is executed efficiently at the highest standard. Having worked in a technical role in mechanical/electrical maintenance on the London Underground S-Stock trains, I am able to apply 5 years of fault finding and diagnostic experience to my programming challenges.

Key Skills

- **Technical:** Strong knowledge of the following tech stacks: **HTML, CSS, SASS, JavaScript, Node.js, Express.js, React.js, MongoDB, Git, GitHub, Google Firebase.**
- **Operational:** Able to co-ordinate resources and processes to achieve desired outcomes/ goals whilst being cost-aware.
- **Interpersonal:** Open, inclusive and participative communication style, respecting diversity and the values of others.

Experience

- [E-Comm-Site](#)**:** A mock full-stack e-comm-site built using React.js and hosted on Google Firebase.
- [Personal Portfolio](#)**:** A full stack website built using only HTML, Sass, JavaScript and Node.js. Using Express.js for backend and hosted on Heroku.
- [Space Invaders Game](#)**:** Built using HTML, CSS and JavaScript.
- [Web Crawler](#)**:** Using Cheerio.js to implement server-side web-scraping to extract data from any site you wish to web crawl.
- [Social Media App](#)**:** Using Express.js, Passport.js, MongoDB and Cloudinary, I built a photo uploading social-media app with login authentication, integrating bcrypt for its password-hashing functionality. Hosted on Heroku.

Employment

London Underground Limited

Sept 2017 - Present

- **Train Maintainer:**
(Dec 2019 – Present) ○ Performing scheduled door examinations on SSL rolling stock, door related casualty work and working with my team to ensure all doors are maintained to a safe and high standard.
    ○ Completing the 4 week initial training course (ITC) of SSL fleet with only one wrong answer across all assessments.

- **Engineering Apprentice:**
(Sept 2017 – Dec 2019) ○ Working across multiple depots with Advanced Train Maintainers, learning about all types of LU rolling stock.

o Enhancing my skills and knowledge at Acton training centre completing an NVQ Level 2 qualification. In each area of the qualification, (Mechanical, Electrical and Handskills), I was graded high in both knowledge and practical aspects.

o Developing my leadership skills as team leader in a project to design and build a fully operating Ferris wheel that could function under load.

Jaguar Landrover

Sept 2016 – July 2017

- **Tool Maker Apprentice** o Completed a year at EEF Technology Centre doing an NVQ level 3 qualification, learning how to use milling machines, lathes, CNC machines, PLC programming, CAD software, whilst also doing maths, electrical, health and safety assignments and sketching engineer drawings. I also learnt how to read schematics drawings and learnt different techniques for fault finding.

Education
St Clement Danes School   2008 - 2015

Qualifications
A-Levels:
Applied Business - C
Maths - E
Physics – E

Full Driving Licence

Interests
I love music and enjoy playing my collection of acoustic and electric guitars. I work hard at keeping fit, regularly run and attend the gym. I also like to go kayaking, surfing, snorkelling, bouldering and snowboarding. I organise group events and holidays for friends, the last trip was a multi-generational kayaking trip in Wales for 30 people. I also like to build my own full-stack applications and further my personal development by learning new tech stacks in my free time.

Personal Profile
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