Dr. Eric Lew Yuk Yin
MB BS, BSc (Hons)

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Date of Birth: 10 Jan 1979 | **Residence:** London

I am a self-taught knowledgeable and experienced web and app developer, and a qualified doctor of medicine. I have been able to develop and nurture my web design and development skills through my current job and in my own company, BE Studio. I have become increasingly enthused, motivated and, above all, inspired to pursue web and app development full time and recently changed careers to realise my ambition and my potential. I seek a role that will allow me to further build upon my web and app development experience, and to play a greater role in helping to develop web and app solutions. I bring along with me plenty of invaluable key skills from my current as well as past careers.

Education
MB BS, BSc with Honours (Medicine) Imperial College of Science, Technology & Medicine, London, UK (1997–2004) 3 A-levels: 3 A; 9 GCSEs: 5 A*, 4 A

Portfolio
- **The Nutritional Bean:** thenutritionalbean.com. A food and nutrition information website. Using a React 16.x frontend and Laravel backend. Integrated content management system (CMS) and booking system.
- **TES:** tes.lt. A bilingual website for a Baltic energy company. Built with React 16.x, Laravel/Symfony. Using animated SVGs and Greensock library for dynamic content.
- **TOLD & Co:** toldandco.com. A luxury watch online retailer. Completely custom built e-commerce solution with bespoke product configurator. Constructed with Angular 5.x and Laravel with both client and administrative front-end interfaces. Integrates a custom CMS and REST API.
- **Komunikacijos Projektai:** komunikacijos-projektai.lt. Lithuanian PR & Communications company website with dynamic effects and animations.
- **Hana Noguchi:** hananoguchi.com. A custom designed portfolio website for a professional photographer with integrated content and digital assets management.
- **Freya Douglas Nutrition:** freyadouglas.com. For a professional nutritional therapist aimed at providing dietary education and offering personal client consultations. Integrating content management facilities including use of WordPress, plus geographical mapping work and addition of a scheduling system for clients.
- **Kinomind Films:** kinomindfilms.com. For a films production and distribution company. Developed using plain vanilla PHP and JavaScript, use of jQuery, added content management, and custom animation and video work.
- **Lickalix:** lickalix.com. For a successful ice lolly manufacturer. Using the SquareSpace platform I was able to redesign and redevelop the website, include content management and social network features and integrate an interactive map and multimedia content.
- **Blind Tiger Massage Boutique:** blindtigerbodywork.com. Use of plain vanilla PHP and JavaScript with jQuery to develop content management, custom animations, and more.

Activities
- I am currently enrolled on an IBM data science course including building upon Python and R knowledge.
- I have been active in building a satellite navigation mobile app for the iOS platform.

Specific Skills
- **Web:** HTML(5); CSS(3) including Sass; JavaScript including ECMAScript 2015/6+; TypeScript; PHP (up to v7.2.x); JavaScript frameworks/libraries: Angular (up to v7.x and JS (v1.x)), React (up to v16), Node.JS (up to v11.x), jQuery; PHP frameworks: Symfony (up to v4.x), Laravel (up to v5.x); Python (v3.x); Django(v2,x); work with RESTful APIs (self-developed and third-party)/HTTP, data interchange formats (JSON, XML). Some cloud computing exposure including AWS.
- **Testing:** Unit and E2E; BDD and TDD concepts; Jasmine with Karma; JSUnit; Jest; QUnit; Protractor; PHPUnit; Codeception.
- **CI/CD:** Docker, Azure DevOps, BitBucket, GitHob, GitLab.
- **Databases:** MySQL, PostgreSQL, MongoDB.
- **Project Management/Communication:** Agile working practices and concepts; Azure DevOps, JIRA, BitBucket, GitHub, GitLab, Trello, Slack, Microsoft Teams.

- **Data:** Python (v3.x), R, SQL, Processing, Tableau, Microsoft Excel.
- **App:** Swift, Objective-C
- **Content Management Systems:** Custom solutions; WordPress.
- **E-commerce Platforms:** Custom solutions; PrestaShop, Shopify, WooCommerce.
- **Cartography & Geographical Data:** MapBox, CartoCSS, ArcGIS, QGIS.
- **Other:** Microsoft Word, PowerPoint; Adobe Photoshop, Illustrator, InDesign, Animate.

Transferrable Skills

- **Organisational & Time Management:** Whenever I have had web or app projects I have used skills to ensure I deliver prototypes and an eventual solution that meets the client's schedule.
- **Leadership:** I am lead web developer in my current job and I have been involved in leading teams of healthcare workers in managing patient care in the past.
- **Communication & Interpersonal: I** am constantly giving and receiving feedback on various tasks I have in my current role. I have also had to manage patient care, communicate with relatives/carers, and work closely with colleagues from multiple health disciplines developing these specific skills for all other contexts. I am very diplomatic and approachable.
- **Teamwork:** While working with clients on web and app projects I have had to liaise closely with them to help produce a solution that meets their needs. In medicine I had to work closely with colleagues to deliver patient care has been valuable in my experience in team working. For web projects I have been involved with including in my current job, I have followed an agile approach and scrum methodology.
- **Decision Making & Problem Solving:** These are skills I use frequently in web and app development such as deciding upon the best way to present an interface or formulating an algorithm to solve a programming challenge. In medicine, patient care involves plenty of these skills in making diagnoses, thinking promptly and logically in critical situations, and deciding on the nature of care.
- **Full, Clean UK/EU Driving License**.

Employment

- **Front-end Web Developer, Priority One IT (Jan 2019–):** Angular v7.x+, TypeScript, JavaScript; Some back-end work with C# and .NET Core; AWS including S3, Dynamo DB, Lambda, Cognito; Git; BDD with Jasmine, Karma.
  - Worked on a new security SaaS platform for businesses with plenty of front-end engineering and contributions towards agile-based project management in liaison with back-end and stakeholders.
  - Maintained and debugged new and existing solutions.
- **Full Stack Web Developer, HealthCare International (Nov 2017–Nov 2018):** Angular v7.x, TypeScript, JavaScript, jQuery, Symfony v4.1.x, MySQL, Git, PHPUnit, Codeception, Jasmine, Karma.
  - Developed a new website with overhauled UI and new back-end. Worked on new administrative portals for clients, staff, and brokers.
  - Worked on implementing new database schemas and back-end processes for the new solutions.
  - Helped to implement new increasingly agile-based project management.
  - Maintained and debugged pre-existing infrastructure.
- **Full Stack Web Developer, BE Studio/Panda's Eyes (Aug 2013–):** Own business. Multiple front-end and back-end web projects for clients across various industries. Worked on new websites, content and digital asset management systems, bespoke solutions such as product configurators, and re-engineered back-end processes, e.g., implemented new database systems/schemas, new algorithms.
- **Doctor in Medicine:** (Feb-Nov 2017) Medacs Healthcare Locums; (Aug 2011-Feb 2017) The Ipswich Hospital NHS Trust/Southend University Hospital NHS Trust; (Oct 2009-Jun 2011) The Princess Alexandra Hospital NHS Trust.

Extracurricular

I have an interest in fonts and amateur astronomy, and news in health, science, design & technology. I love traveling.

Further Information

Available on request:
- Git repositories
- CV in other document formats.

Document Version

CV. PDF standard format. Revision 20 (12.2019.1).