



Colin Wren

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Profile

User focused developer with a passion for building well designed, well tested products and crafting amazing experiences.

Skillset

Software Development

- Five years Python experience (Odo, Django, Flask, Python 2 & 3, Nose, PyTest)
- 7 years Javascript experience (jQuery, React & Redux, PouchDB, Backbone.js, CoffeeScript, Karma, Jasmine, Jest, Gulp, Enzyme, Webpack)
- Native app development for iOS & Android
- Styleguide generate with LESS & KSS
- Continuous Delivery with Github, Travis & Heroku

Product Development

- Product Discovery using validated learning techniques and UX principles to better understand the domain and user groups
- User Story mapping to build Portfolio and Product Backlogs
- Working with stake-holders to cut User Story Map into release slices
- Backlog grooming and sprint planning to ensure work items meet definition of ready with Product Owner and QA
- Leading a development team using either Scrum or Kanban to deliver product increments and value to the user
- User engagement to get feedback on released functionality and update backlog

Quality Assurance

- Writing Gherkin features to describe the behaviour of the product
- Automated browser testing of Gherkin with Python, Selenium and Sauce Labs
- Using SonarQube to inspect quality of the code base and drive quality improvements
- Using Allure to add test meta data to unit, integration and end-to-end test runs
- Load testing with Locust.io
- Artifact based Continuous Delivery with Docker, GOCD and Amazon Web Services

Experience

Software Developer

BJSS, 2016 — Present

- Worked with global betting brand to bring their current online offering to the USA
- Worked with NHS mental health trusts to design and develop a version of Open-eObs that met their specific needs
- Built automated test suite and integrated it into team's continuous delivery pipeline
- Converted Vagrant based solution to use Docker and Amazon Web Services
- Worked with client and business to ensure that team was delivering value
- Created mockups and worked with users to validate ideas and current functionality

Developer / Team Lead

Neova Health, 2015 — 2016

- Lead a team of eight developers, testers and UX practitioners
- Worked with managing directors to deliver and increase quality of product
- Created mobile frontend for Open-eObs, a mobile application used by frontline NHS staff to submit patient observations using Odo - a Python powered ERP system

New Media Officer

St George's Healthcare NHS Trust, 2010 — 2013

- Worked with Google to map the indoors of St George's Hospital - the largest Hospital in London
- Created unique mobile friendly websites for the trust's mandatory publications, saving £6,000 per publication

Education

Digital Art Specialist

Thames Valley University, 2006 — 2009

- Achieved a first
- Built an Augmented Reality exhibition piece
- Built a chatbot for my design for simulation module