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Open to remote work/relocation

PENNY GRAHAM

LinkedIn   **GitHub**   **Website**

PROFILE

Full-stack web developer who loves using logic to solve complex problems. Enjoys learning and working collaboratively. Experienced working with multiple stakeholders to deliver projects, translating business requirements in to practical solutions. Professional, enthusiastic and conscientious; strives to complete work to the highest possible standard in the time available. Currently seeking junior developer role with opportunity to take front or back end skills to senior level.

DEVELOPMENT EXPERIENCE

CareerFoundry, Certification in Full-Stack Web Development, Feb 2021 - Feb 2022

An intensive, project-based, online training programme in software development. The course required completion of several projects, 5 of which are described below. Links to the GitHub repositories and live websites can be found on my portfolio website linked **here**.

PROJECTS

myFlix Angular, Dec 2021-Jan 2022

- Redeveloped a dynamic web application for film enthusiasts previously built in React (myFlix project below) using Angular.
- Used data binding, directives and services to implement a variety of views and user functionality.
- Created a responsive, aesthetic user interface using Angular Material.
- A detailed case study of this project is available **here.**

ChatApp, October 2021-November 2021

- Built a cross-platform mobile application using React Native, Expo, Gifted Chat and Google Firebase that allows users to participate in a group chat.
- Users can read and send messages, share images and share their location.
- Implemented React Native Async Storage to allow users to view stored messages when offline.
- Developed and tested the app using an Android emulator.

Meet app, August 2021-October 2021

- Created a serverless, progressive web application in React that accesses the Google Calendar API to display information about events.
- Used a test-driven approach to convert user stories in to functional code, performing unit, integration and acceptance tests using Enzyme, Jest and jest-cucumber.
- Set up and configured a cloud-based server using the Serverless framework, Googleapis and AWS Lambda to handle the user authentication process, implementing the OAuth2.0 protocol.

myFlix, June 2021-August 2021

- Designed a React front end for the myFlix API (project below) to produce a complete movie web application where users can view information about movies, directors and genres.

TECHNICAL SKILLS

- Languages: HTML, CSS, JavaScript, TypeScript
- Front end: Angular, React,
- Back end: REST architecture, Node.js, Express, Firebase, Mongoose, MongoDB,
- Test-driven development: Enzyme, Jest, Jest-cucumber
- Native app development: React Native
- Authentication: Passport, Googleapis
- Cloud computing: AWS Lambda, Heroku, Serverless
- Project tools: Git, Kanban, JSDoc, TypeDoc

myFlix, June 2021-August 2021 (continued)
- Created views from both class based and function components, using state, hooks and lifecycle methods.
- Used Redux to manage shared state.
- Implemented a responsive layout using React-Bootstrap.

myFlix API, April 2021-June 2021
- Developed a REST API using Node.js and Express that interacts with a database built using MongoDB and Mongoose to provide a complete back end for a movie web application.
- Created endpoints to support a variety of CRUD operations on movie and user data and protected these using authorisation strategies implemented using Passport and jsonwebtoken.

WORK EXPERIENCE

Before deciding to pursue a career in web development, I worked for several years in financial services in the Lloyd's market in London in the following roles:

Head of Delegated Underwriting Management, Brit Insurance, November 2014-September 2017
- Managed the team responsible for regulatory oversight of delegated underwriting.
- Subject matter expert on project to implement FCA conduct requirements, including working with business analysts and project managers to specify system requirements.
- Led work on project to streamline due diligence processes across the Lloyd's market.
- Chaired the market Delegated Authority Operations Committee.

Coverholder and Control Reporting Operations Manager, Beazley plc, May 2012-October 2014
- Led the teams responsible for delegated underwriting and underwriting controls reporting.
- Transitioned controls reporting function from a project team to BAU, working with IT to improve reporting tools and recruiting a new team.
- Worked with business analyst and developer to specify a database for audit planning, monitoring and reporting.

Coverholder Operations Manager, Beazley plc, September 2005-May 2012
- Established a business function to provide regulatory and operational oversight of delegated underwriting.
- Created procedures for due diligence, audit and income monitoring.
- Worked with software developers and business analysts to deliver a business intelligence solution for underwriters.

Prior to these roles I worked for Beazley as a financial accountant having previously qualified as a chartered accountant with Ernst & Young. Subsequent to my last role I took a break to spend time with my family before reorienting my career to software development.

EDUCATION

- Prince2 Foundation Certificate in Project Management 2017
- Professional qualification: ICAEW, ACA
- Higher education: University of Edinburgh, LLB(Hons) 2.1