

Pillemer, Ariel

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STACK

Languages: Python, JavaScript, Java, SQL, CSS, HTML

Tools: Git, Flask, React, Webpack, Node, Less, API, Unittest, Jest, Lambda

COURSES

2021 - 'YOUR RETURN TO TECH': Topics include 12Factor applications, object oriented design, frontend development with React and serverless backend REST API creation with Lambda. It also covers cloud deployments (working with AWS) provisioned with infrastructure as code tooling together with agile processes and methodologies used in a tech environment such as TDD, Pair programming and Version Control.

In the course of the program my team was assigned a project with a 'Tech For Good' brief to design a webapp allowing volunteer to automatically match with charities according to their interests, location and available dates.

The app is built in React with a Java backend and MySQL database on AWS connected by a serverless API.

OPEN SOURCE PROJECTS

Pytest: Assisted in migrating pytest's own tests from the testdir fixture to pytester.

Bokeh: Updated documentation to conform to revised style guide.

Ask: Created unit tests using Python's built-in Unittest framework.

PROJECTS

PATIENT HANDOVER WEB APP *PYTHON, FLASK, POSTGRESQL, HTML*

- Commissioned to create an online live handover sheet for doctors.
- Allows users to login to view and amend their ward's job list, assign jobs and update patient information as needed and share this information across all team members. Used as a MVP demonstration.

TENNIS BOT *PYTHON, API, WEB SCRRAPING*

- A bot designed to respond to user posts on reddit.com. Information retrieved using both an API call and a web scraping method.

LIBRARY *NODE.JS, LESS, WEBPACK*

- Allows the user to maintain a local archive of their bookshelf where they can keep track of the books they've read. Users are able to assign rating, monitor progress and add tags.

EXPERIENCE

JANUARY 2020 – TO DATE

SOFTWARE DEVELOPER, REMOTE

- As a self-taught programmer I have completed multiple projects that can be seen on my GitHub and have contributed to several major open-source projects in various roles; Writing documentation, updating code to conform to modern standards and creating a testing suite.

OCTOBER 2018 – JULY 2019

OPERATIONS MANAGER, NATIVE, LONDON, UK

- Managed multiple teams of up to twenty-five staff to ensure smooth day to day operations.
- Directed daily morning meetings to set goals and allocate the work for the day.
- Responsible for training all new staff members, including training on the company operating systems.

JUNE 2016 – JUNE 2018

SENIOR RECEPTION STAFF, ABRAHAM HOSTELS, JERUSALEM, ISRAEL

- Delivered quality customer service to potential and existing guests including online bookings
- Daily troubleshooting, including dealing with payments, overbooking and double bookings.

FEBRUARY 2015 – NOVEMBER 2015

GENERAL MANAGER, LA TORTUGA BOOLUDA, LEON, NICARAGUA

- Created and implemented an electronic accounting system from scratch in Excel.

EDUCATION

B.SC OCEANOGRAPHY AND ATMOSPHERIC SCIENCE, THE HEBREW UNIVERSITY