

Petra Rossa

Software Engineer

Contact: petarossa@gmail.com

Tel: +447878 265 542

Portfolio: petra-vozarova.github.io

Experience

Frontend Developer @ Papirfly

MAY 2023 - February 2024 // Brno, Czechia

- Converted design files into complex, interactive templates written in **TypeScript**
- Created reusable visual content for customers, such as posters, social media posts, banners
- Worked in an **agile** team (Kanban), delivering customer-specific projects with tight deadlines
- Used **Git** and **Jira** for version control and project tracking

Reference: Ole Bird, team leader, ole.tobias.bird@gmail.com

Software Developer @ CCS, Computershare

NOV 2020 - JUN 2022 // Bristol, UK

- **Developed multiple data processing modules** and integrated them into existing frameworks
- Worked in a **diverse team** on **onboarding new customers**
- Set up **large-scale data processing pipelines** for various data sources (CSV, XML, SQL)
- Took charge of **end-to-end testing** - both **integration** testing and **unit testing** of components
- Updated **UI for internal software** and produced microsites for company news using **React**

Reference: Jeff Bateman, team leader, jeffrey.bateman@computershare.co.uk

Portfolio

NASA Web App - Full Stack

// Code: [GitHub](#)

- **Full stack app** with a **React frontend** and a **NodeJS backend**
- Data is persisted in **MongoDB**, CI using **GitHub Actions**

React E-commerce Website

// Code: [GitHub](#)

- **React** mock e-commerce website, with **Redux** for state management, **Firebase** for hosting data, implements **OAuth2**, deployed on [Netlify](#)

Weather Forecast App

// Code: [GitHub](#)

- **NodeJS web app**, utilises **Jest & Supertest**, runs in **Docker**

Text Analysis App - Full Stack

// Code: [GitHub](#)

- Web app with **React frontend** and **Python Flask backend**

More React Projects ...

// Code: [GitHub](#)

- Various React projects built with **MERN** stack, **Redux Toolkit**, **MUI**, **Chakra UI**, **Tailwind CSS**

Skills

Programming Languages

JavaScript, TypeScript, Python, Perl, HTML & CSS, SQL, NoSQL (MongoDB)

Libraries & Frameworks

React, Redux, NodeJS, Express, Jest, Tailwind CSS, MUI, Sass, Flask, GraphQL, Rest API

Tools & Platforms

Docker, GitHub, Heroku, Firebase, Jira, Bitbucket, Illustrator, InDesign

Education

MSc Applied Clinical Psychology @ University of Bath

2018 - 2019 // Bath, UK

Graduated **MSc with merit**

BSc Psychology @ University of Hull

2015 - 2018 // Hull, UK

Graduated with **First-Class honours**

Certificates

Complete NodeJS Developer | 2023 ZTM, Udemy

NodeJS, React, REST APIs, GraphQL, MongoDB, Docker, Jest

Complete React Developer | 2023 ZTM, Udemy

React, Redux, Hooks, GraphQL, Firebase, OAuth, MongoDB

Front End Development | 2022 FreeCodeCamp

Responsive Web Design, Algorithms and Data Structures, Front End Libraries

Python for Research | 2020 edX, Harvard University

Pandas, Numpy, Scikit-learn, Data analysis

Introduction to Python | 2019 edX, Harvard University

Python, Object Oriented Programming