Daniel Mizrachi

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Profile

I've been programming from a young age and I hold a First-Class BSc in Software Engineering. I've now been working full-time as a developer for over a year, with plenty of part-time experience as part of Agile software teams and years of personal projects prior. I'm motivated by work which demands attention to detail and quality while providing opportunities for me to learn and help others. I'm primarily interested in working in the transport, urban mobility and environmental sectors.

Relevant Skills

- Extensive experience in the JavaScript ecosystem, including Node.js, TypeScript, React, React Native, Redux, DOM & Web APIs, jQuery, MongoDB, webpack and Jest among many others
- Significant experience using Git and Linux, and experience with TDD and Docker
- Significant experience working in Agile teams alongside PMs, QAs and other project stakeholders
- Experience writing Python, Java, PHP and SQL
- Experience writing C, Assembly and Arduino code and working with low-level hardware
- Experience with DevOps tools such as Microsoft Azure and AWS
- I understand the trade-offs between being detail-oriented and delivering business value on-time
- I'm a quick learner, proactive team member and a confident spoken and written communicator
- I'm a native English speaker and an intermediate French speaker

Experience

Mar 2021 – Present: Curvestone, Junior Fullstack Software Developer, Full-time
- Technical consultancy start-up building automation software to streamline business processes for clients, primarily in the legal and financial sectors
- One of about 15 developers working in teams of 3-10 people on a wide range of problems, changing projects and tech stacks roughly every 6 months
- Primarily responsible for writing front- and back-ends for JavaScript web apps hosted on cloud-based providers, with exposure to a wide range of tools and technologies
- Working in Agile teams on projects with changing requirements and demanding clients
- Mentoring colleagues in web development

May 2019 – Mar 2021: Studies & job seeking
- *Completing my degree, volunteering as a web developer, doing personal projects and job seeking*

Dec 2018 – May 2019: PYRO, Mobile Front-End Developer, Part-time
- Start-up offering a digital customer loyalty scheme for nightclubs, bars and restaurants
- One of two developers implementing designs for an MVP in React Native with Firebase

Oct 2017 – Dec 2018: Lancaster University IT Partnering & Innovation, Front-End Developer, Part-time
- Part of a medium-sized Agile team within the University's IT department delivering IT projects and innovative solutions to the University and wider Lancaster community
- Maintained iLancaster, the University's suite of Web & mobile apps used by thousands of students and staff to e.g. check bus times, check in to lectures or report issues around campus
- Worked on various other university-related software products in React, React Native and jQuery

Aug – Sept 2018: Yotta Media Labs, Front-End Developer, Full-time
- Part of a small Agile team in a company supplying bespoke app development and consultancy services to blue-chip media industry clients
- Implemented client UI specifications within React apps for TVs and set top boxes, reporting directly to the company co-founder
- My work went live soon afterwards to hundreds of thousands of users and I was rewarded for my contributions despite my short time there

Oct 2016 – Apr 2017: Snap Travel Technology, Developer, Part-time
- Part of a small team in the early stages of a travel technology start-up offering affordable, flexible and demand-responsive coach travel
- Was free to select the tools I deemed appropriate to develop both internal and public-facing software to help customers and provide market insights
- Work included developing Web apps and Python scripts, from scraping National Express's booking system to building a tool to help passengers find their way to a pickup location

Earlier:
- Westminster Kingsway College summer 2016, 17: Enrolment Support Officer
- Marylebone Cricket Club summer 2016, 17: bar staff at Lord's cricket ground
- Young Rewired State Festival of Code 2013, 14, 15: hackathon participant
- Freeformers 2013 – 14: attended and mentored at weekly coding meetups and talks
- Personal projects 2012 onwards e.g. PHP URL shortener, web apps and games

Education

Oct 2017 – June 2020: Lancaster University, Lancaster
- BSc Software Engineering, First Class Honours
- Included three software engineering group project modules, providing excellent experience in high-pressure Agile environments working on both front- and back-ends of Web/IoT systems
- Other modules included: Embedded Systems, Operating Systems, Databases, Computer Networks

Sept 2015 – June 2017: Westminster Kingsway College, London
- BTEC Level 3 Extended Diploma in Software Development, 3 × Distinction* (= 3 × A* A-Levels)
- Mathematics A-Level, C

References available upon request