

VANYA TOCHEVSKA

Full-Stack Software Developer

Python | Angular | SQL | SCRUM | Git

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

TECHNICAL SKILLS

- Python
- Flask
- Django
- FastAPI
- Angular 17
- TypeScript
- Nx Monorepo
- .NET
- Tailwind CSS
- SQL
- PostgreSQL
- Cypress 13.8
- Unit testing
- HTML
- CSS
- Azure DevOps
- Git
- Jira
- Visual Studio
- VS Code
- SSMS
- Confluence
- Postman
- Figma
- Adobe Creative Suite

KEY COMPETENCIES

- SOLID Design Principles & Clean Code
- Object Oriented Programming
- Data structures, Data binding, Forms
- Component-based architecture
- Python & TypeScript
- Python Libraries and Frameworks
- Understanding of Databases
- Familiarity with RESTful APIs
- Cypress Component Testing
- Understanding of Test-Driven Development
- HTML & CSS
- Clean Code & Best Practices
- Git Version Control
- Jira, SCRUM and Agile Workflow
- Critical thinking and Problem-solving
- Soft Skills – Communication, Teamwork, Proactiveness, Willingness to Learn

EDUCATION & QUALIFICATIONS

PCPP1 – Certified Professional Python Programmer

Open EDG, Python Institute 09/2024

PCAP Certified Associate in Python Programming

Open EDG, Python Institute 01/2023

Junior Angular Developer

Vue School 09/2024

AZ-900 Microsoft Azure Fundamentals

Microsoft 03/2024

BA (Hons) Promotional Media

Southampton Solent University 05/2012

Multimedia Programming & Design

City University of New York 05/2007

WORK EXPERIENCE

Graduate Software Developer, AON

08/2023 - 09/2024

- Python:** Analysed and tested Python Dateutil and OpenPyxl packages and added them to the client application, for use by more than 50 developers and end-users. Created various example scenarios and scripts for their usage.
- Angular / TypeScript - Reusable Angular Components:** Created a Material icon custom shared component in **Angular 17** and **Monorepo** (including component and unit testing with **Cypress** and **Jasmine**), which enabled developers to reuse it in forms throughout the application via a form control and access a drop-down list of almost 8000 Angular material icons using virtual scrolling.
- Cypress Component testing:** Led the implementation of **Cypress 13** component testing in Angular for **Monorepo & Nx**, improving isolated testing, helping early bug detection and better code quality. Provided **training and demos** to developers across multiple teams, enhancing overall team efficiency and ensuring cleaner code practices and better efficiency. Created a guide and maintained **Confluence** documentation, aiding developers with specifics on Reactive and Template form binding.
- Python, Angular, .NET:** Refactored and produced an **API** endpoint for uploading excel files to Blob storage via a custom **Python** function, with data validation and services in **Angular** and **CQRS** pattern in **.NET**, including unit and integration tests with **Jasmine**, **Cypress**, **xUnit** and **FluentAssertions** and **FakeltEasy**. Executed **SQL queries** to make the Python function available in the user application. The feature improved efficiency and helped enforce **cleaner architecture**, **single responsibility** and **isolated testing**.
- Storybook:** Configured and implemented **Storybook 7** in Angular providing a way of displaying and testing the functionality of the components to wider teams.
- CI/CD:** Improved **CI/CD** by configuring an **Azure pipeline** for Cypress Component testing.
- Agile Workflow:** Worked effectively in an **agile workflow** with daily use of **Jira**, **Azure DevOps**, user stories, product backlogs, daily standups and sprint meetings.

Personal projects

01/2023 - 11/2024

- Python/ Angular:** A To do app which uses mySQL database, uvicorn, fastAPI and Tailwind CSS. Includes Python, Angular and Cypress component tests
<https://github.com/vtoch23/Python-Angular-FastAPI-TodoApp>
- Angular/Python/Django:** A Student app with **sqlite3** database, styled with Tailwind CSS
<https://github.com/vtoch23/Angular-Python-Django-Student-Database-App>
- Python/Flask/PostgreSQL:** A shopping list app which uses PostgreSQL database, styled with Tailwind CSS
<https://github.com/vtoch23/Python-Flask-Postgres>
- Python/Flask:** A personal portfolio using Python, Flask and Tailwind CSS
<https://vtochevska.pythonanywhere.com/>

Senior Graphic Designer, AON

03/2021 – 08/2023

- Successfully helped secure new business, by leading design campaigns - designing landing pages, digital applications, videos and interactive media, with a strong focus on **UI/UX**.
- Received several **internal awards** for outstanding project outcomes and winning new business.

Previous Employment:

Graphic Designer, Covington, London	03/2020 – 03/2021
Freelance Digital Graphic Designer, Design Ally Ltd, London	05/2018 – 03/2020
Mid-weight Graphic Designer, Hamilton-Brown, London	05/2018 – 03/2020
Contract Graphic Designer, Clyde & Co, London	01/2016 – 04/2017
Graphic Designer, Print Dimensions, Southampton	09/2011 – 01/2016