

VANYA TOCHEVSKA

Software Developer

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Programming portfolio: vtochevska.pythonanywhere.com

Design portfolio: vtochevska.wixsite.com/portfolio2023 (VanyaT2023)

SUMMARY

After a successful career in graphic design, I transitioned into software development, driven by my enthusiasm for problem-solving and creativity. Over the past year, I've honed my programming skills, working on front and backend features for a comprehensive enterprise application, and gaining qualifications in Python programming, Angular and Azure along the way. My passion for Python motivated me to deepen my knowledge, recently earning a Professional-level certification. I am eager to apply the knowledge and concepts I've learned in real-world scenarios to further enhance my skills and contribute effectively to a development team.

KEY COMPETENCIES

Programming Acumen:

Skilled in Python and Angular with further exposure to ASP.NET, I've worked on improving a complex insurance risk modelling application. Key achievements include testing and approving Python packages and producing example scripts for their usage, producing an efficient API endpoint for file uploads via a custom Python function, which spanned across Python, Angular and ASP.NET 8, developing a reusable Material icon component in Angular using Monorepo and Nx, as well as implementing Cypress component testing, Storybook and Azure pipelines. I'm committed to continuous learning and eager to further develop my skills in emerging technologies.

Graphic Design:

Creative design professional with a high degree of expertise in common design packages including Photoshop, InDesign, Illustrator and After Effects with an eye for User Experience and Interface Design that spills over into current software projects, to create beautiful yet functional products.

Analytical:

Meticulous attention to detail with an analytical mindset built over a 10-year career producing high quality digital and print media for well-known clients where even small mistakes would have big consequences. Comfortable working to tight deadlines and maintaining a high standard regardless of workload pressures.

Relationship Management:

Dynamic team player, confident working as part of multi-disciplined teams and collaborating across departments to bring about the success of each project. Strong communication skills and adept at presenting proposals to clients and wider teams through software demos, workshops and training.

KEY TECHNICAL SKILLS

Programming: Python • Angular 17 • TypeScript • ASP.NET 8 • C# • Cypress 13.8 • Storybook 7 • HTML CSS • SQL Azure DevOps • Git • Jira • Visual Studio • Visual Studio Code • SSMS • Confluence

Graphic Design: Adobe Creative Suite • Ceros • Figma • Twixl • Mobirise • UI/UX • Motion Graphics

WORK EXPERIENCE

Graduate Software Developer, AON

08/2023 - 09/2024

Key responsibilities:

- Testing Python packages and producing example scripts for their usage by more than 50 developers, as well as configuring SQL queries for help information and examples to be displayed in the application UI.
- Creating custom, reusable, shared Angular 17 components.
- Configuring and implementing Cypress 13.8.1 component testing and Storybook 7 in Angular for Monorepo & Nx.
- Producing and refactoring API features in ASP.NET 8.
- Improving CI/CD by configuring an Azure pipeline for Cypress Component testing.
- Working effectively in an agile workflow.
- Providing daily stand-ups, training, and demos to clients and wider teams.

Key accomplishments:

- 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.
- Produced a custom Python function and an API endpoint in .NET, using CQRS pattern, for uploading excel files to Blob storage. The feature improved efficiency, enabling users to export data quickly via a custom Python function in Pyodide, and helped enforce cleaner architecture, single responsibility and isolated testing. The project involved unit and integration testing with xUnit, FluentAssertions and FakeItEasy.
- Created a new Material icon custom shared component in Angular (including unit testing with Jest), which enabled developers to reuse it in various forms throughout the application via a form control, and access a drop-down list of almost 8000 Angular material icons using virtual scrolling.
- Configured and implemented Storybook framework in Angular providing a way of showcasing and testing the functionality of the components to wider teams.
- Configured and implemented Cypress 13.8.1 component testing in Angular for Monorepo & Nx, improving isolated testing, and helping early bug detection and better code quality.
- Created a guide and maintained Confluence documentation for Cypress Component Testing, aiding developers in producing and testing Angular components with Cypress with specifics on Reactive and Template form binding.

Senior Graphic Designer, AON

03/2021 – 08/2023

Key responsibilities:

- Part of the Enterprise Client Group team of senior graphic designers and responsible for creating landing pages, digital applications, videos, interactive media and print communication, with a strong focus on UI/UX.
- Supporting colleagues to develop their skills for using platforms including Ceros, Kentico and Adobe CS.

Key accomplishments:

- Successfully led multiple project campaigns which helped secure new business.
- Created Ceros animated website templates which were used by the rest of the team.
- Received several Aon awards for outstanding project outcomes and exceeding project expectations.

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
Graphic Designer	4Ward Design Studio, Bulgaria	04/2009 – 04/2011

EDUCATION & PROFESSIONAL QUALIFICATIONS

<u>PCPP1 – Certified Professional Python Programmer</u>	Open EDG, Python Institute	09/2024
<u>Junior Angular Developer</u>	Vue School	09/2024
<u>AZ-900</u>	Microsoft Azure Fundamentals	03/2024
<u>PCAP Certified Associate in Python Programming</u>	Open EDG, Python Institute	01/2023
BA (Hons) Promotional Media	Southampton Solent University	05/2012
Associate Degree in Multimedia Programming & Design	City University of New York	05/2007
Linguistics – English, Latin	South-Western University, Bulgaria	06/2002

PROFESSIONAL DEVELOPMENT & CERTIFICATIONS

Python Professional I Course	Open EDG, Python Institute	09/2024
<u>Complete Angular Course</u>	Udemy	11/2023
<u>Advanced Course in Python Programming</u>	University of Helsinki Dept of Computer Science	01/2023
Python Essentials I and II Course	Open EDG, Python Institute	01/2023
Harvard CS50	Harvard Department of Computer Science	01/2023
<u>Introduction to Programming</u>	University of Helsinki Dept of Computer Science	11/2022

PERSONAL INFORMATION**Interests:** • Guitar • Piano • Dance • Travel • Tennis**Languages:** • English (fluent) • Bulgarian (native) • Spanish (conversational) • Russian (basic)