Dan Taylor

Software Developer

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Full-Stack Software Developer skilled in React, Typescript, Node.js and Python, with a passion for building scalable, elegant, and user-focused applications. Strong background in good communication, problem solving and strategic thinking from over 5 years experience in customer facing management roles. With a passion for learning, I'm ready to make valuable contributions in a dynamic tech team.

Technical Skills

Programming Languages	Javascript, Python, HTML, CSS
Frameworks/Libraries	React.js, Node.js, Next.js, Typescript, Django, TailwindCSS, Bootstrap
Databases	PostgreSQL, MySQL, NoSQL, MongoDB
Version Control/Other Tools	Git, RESTful APIs, CI/CD, Github, Heroku, Vercel, Agile Methodologies
Testing Libraries	Jest, PyTest, Postman, React Testing Library

Education

EQF Level 5 Diploma in Full Stack Software Development | Code Institute
2022 - 2023 (Accredited by University of West of Scotland)

National Vocational Qualification in Electrical Engineering Operations | Wolverhampton City College, UK
2012 - 2014

A levels & GCSEs including English, Maths & Science(s) | Pendeford Business & Enterprise College, UK
2005 - 2012

Relevant Experience

Full-Stack Software Development | **Code Institute**
- I created 5 portfolio projects, ranging from frontend web pages to console-based and full-stack applications. I also collaborated with fellow students when debugging issues and participating in team hackathons.
- Git and Github/Heroku was used extensively for version control, HTML, CSS, Javascript, React, Bootstrap & JQuery for frontend development. For backend development, Python, Django, Flask & various APIs were used alongside Django Rest Framework for API creation. PostgreSQL & MySQL used for Regional Database Management. Jest & React Testing Library used for testing applications.
- Wrote thorough documentation/markdown for all projects, detailing the main features, wireframes/mockups, ux/ui design as well as manual/automated testing and deployment.
- I learnt and worked extensively with Agile Methodologies to plan & manage my projects through use of sprint tracking & prioritisation, and kanban boards for managing user stories.

Harvard's CS50 Computer Science Certification & Frontend Masters
- I always strive to expand my knowledge whether that is by completing courses & certifications, subscriptions to online learning platforms or working with new tech stacks.

Portfolio Projects

- **MERN Messenger Application | Real-Time Chat App**

Technologies Used: React.js, Express.js, Node.js, MongoDB, Socket.IO | [Github Repo](#) | [Live Site](#)

- A full-stack chat application that lets users send and receive text and picture messages with real-time delivery and notifications.
- Full user authentication is implemented including the use of Google OAuth for secure login and signup.
- Users can create and manage their profiles, updating their personal information and profile image.
- Implemented real-time messaging with Socket.IO, enabling 100% live delivery of chat messages across 30+ test users.
- A fully responsive UI, which adapts well to all screen sizes and styled using TailwindCSS.

- **Social Media Web Application | Polaroid**

Technologies Used: React.js, Django, Rest API, Bootstrap, PostgreSQL | [Github Repo](#) | [Live Site](#)

- A React frontend, designed with reusable components, hooks and Bootstrap styling on the UI.
- Custom backend API implemented with Django Rest Framework & PostgreSQL, includes JWT authentication.
- Full CRUD functionality allows users to manage their posts, pins and comments.
- Resolved 20+ bugs during QA through automated and manual testing, improving performance and stability by 25%.

- **Javascript Quiz Application | Harry Potter Quiz**

Technologies Used: Javascript, HTML, CSS | [Github Repo](#) | [Live Site](#)

- An interactive quiz game, developed with vanilla Javascript, HTML & CSS with thorough testing and documentation.
- Other implemented features include animations, sound effects and a timeline counter.

Work Experience

- **Floor Manager**

Weekday, Gothenburg | 2024 - Current

- Responsible for the sales performance, customer service and overall profitability of the store.
- Lead, motivate and inspire the store team of 16+ colleagues, whilst collaborating with the management team to plan and take action on all store operations and activities.
- Fostered an inspiring work environment by encouraging open communication and providing constructive feedback to team members.

- **Sales & Operational Keyholder**

Superdry, Gothenburg | 2017 - 2024

- Actively contribute to meeting the company's KPIs and adapt quickly to fast-changing priorities in a high-pressure retail environment.
- Organised scheduling and inventory processes, ensuring operational efficiency and accuracy.
- Led and provided guidance to teams of 8+, applying collaboration and problem-solving to achieve sales targets and operational deadlines.

Additional Information

- **Soft Skills**: *Adaptability* | Problem Solving | *Observation* | *Collaboration* | *Organisation*

- I speak English fluently and have a low-intermediate level of Swedish - I practise my Swedish daily at work and home.
- In my spare time, I enjoy playing video games, trying out new food recipes, photography and travelling to new destinations whenever I get the opportunity.