Nasrin Sultana

Junior Full Stack Developer

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Profile

My journey into tech began with a moment every teacher recognises: when a challenge sparks curiosity instead of frustration. Before transitioning into coding, I spent years teaching English remotely and at a secondary school. This role sharpened my ability to think creatively, explain complex ideas, and solve problems, skills that align closely with software development. Teaching required agility, constant learning, and new ways to engage, much like coding, where each bug or error presents an opportunity to grow. Although I hadn't been exposed to coding before, discovering what developers do sparked the same excitement I saw in my students when something clicked. That moment inspired me to rethink my career. Now, every problem I solve and every line of code I write, brings that same sense of discovery.

Skills

Tech Stack | Soft Skills: Javascript | HTML | CSS | React.js | PostgresSQL | Postman | User Centred Design | Playwright | End-to-end testing | Unit testing | Node.js | Agile framework | Chrome DevTools | Testing | Debugging | Express | RESTful APIs | GitHub | Vitest | Visual Studio Code | Problem-solving | Collaboration | Test-driven Development | Time Management | Pair-programming

Experience

11/2024 – present
Remote

Fullstack Software Developer, *School of Code*
School of Code is an intensive bootcamp that turns beginners into software developers through diverse tech stacks, weekly hackathons, and expert-led sessions

- Gained practical experience in building web applications using **JavaScript, React.js, HTML**, and **CSS**.
- Developed server-side applications and **RESTful APIs** with **Node.js** and **Express**.
- Conducted **unit testin**g using Vitest and **end-to-end testing** with Playwright, the React Testing Library, and Chrome DevTools.
- Took an **agile approach** during the weekly hackathons, putting into practice everything I learned throughout the week while adapting to project needs and **collaborating** with my team.
- Collaborated closely with peers using the driver-navigator technique to enhance code quality and encourage knowledge sharing through **pair programming.**
- Applied newly gained skills to **real-world projects**, creating functional, user-centred applications.

09/2023 – 07/2024
Birmingham

Teacher of English, *Small Heath Leadership Academy*
- **Collaborated with colleagues** to improve student learning by using **assessment data** to guide and refine teaching strategies.
- **Broke down complex concepts** into clear, manageable steps, helping students fully understand and retain key knowledge.
- Managed a classroom of 30 high-achieving students, ensuring **timely curriculum delivery** and assessments while maintaining an **agile approach**.

Certificates

School of Code: Software Engineer Certificate | Front-end Engineer Certificate | Back-end Engineer Certificate | Database Engineer Certificate | Quality Engineer Certificate | Web Engineer Certificate | User Centred Design Certificate

Projects

Quiz App - React | CSS | HTML
- A React-based quiz app to test students' knowledge of Shakespeare's *Macbeth*.
- The app allows users to answer questions about key themes, characters, and quotes from the play.
- It provides immediate feedback and tracks scores to help students assess their understanding.
- You can access the live quiz at: https://quiz-fb8jsndjt-nas1010s-projects.vercel.app/ ⧉
- GitHub: https://github.com/Nas1010/quiz-app ⧉

Portfolio - HTML | CSS | Javascript
- Responsive design using CSS media queries for different screen sizes.
- Mobile-friendly hamburger menu that toggles open and closed.
- Interactive buttons for CV download and social media access with smooth scrolling between sections.
- GitHub: https://github.com/Nas1010/portfolio ⧉

RESTful API Inspirational Taylor Swift Quotes - Javascript
- Developed a RESTful API with full CRUD functionality as part of a Hackathon project, using Postman for testing and documentation, while keeping an agile approach.
- Worked in a team of three, applying the driver-navigator pair programming technique and adapting to changing requirements.
- Inspirational Taylor Swift quotes stored in JSON format for easy retrieval.
- GitHub: https://github.com/Nas1010/week-4-rest-api-hackathon-room-15-gals ⧉

Education

09/2022 – 06/2023	**Postgraduate Certificate Secondary Education (QTS) - English,** *University of Birmingham*
09/2019 – 06/2022	**BA English and Creative Writing,** *University of Birmingham*
09/2016 – 06/2019	**English Literature, Law, Sociology,** *Joseph Chamberlain College*

Hobbies

Most weekends are spent playing badminton, swimming, or reading. I am very passionate about maintaining a healthy lifestyle and regularly participate in physical activities to keep fit. Currently obsessed with MAFS Australia.

References

Available upon request