

Nicola Mazuryk

Junior Software Developer

Bedfordshire

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[GitHub](#) · [Portfolio](#)

SUMMARY

I am a versatile programmer with a passion for generating innovative and accessible software solutions. My formal education within the field of history and politics has provided me with a proficiency in critical thinking, communication and adaptability through comprehending complex systems and producing people-driven solutions. During my degree, I understood the transformative role of technology within communities which instilled an eagerness to build technologies which enhance the daily lives of individuals. To achieve my aspirations, I worked with the industry-led expertise of Northcoders to build full-stack software in an environment that reflected that of the tech industry.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript.
 - **Testing:** Test driven development (TDD), Jest, Supertest.
 - **Front-end:** HTML, CSS, Tailwind CSS, NativeWind CSS, React, React Native, accessibility tools such as WAVE, Vite.
 - **Back-end:** PSQL, NoSQL, Node.js, data fetching, seeding, Expo.
 - **Other:** Docker, D3.js, Vue.js, Paired programming, technical communication, SCRUM methodologies, MVC design pattern, workflow planning such as Kanban boards, Figma, Excalidraw.
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PROJECTS

SideQuest App

A team built mobile application built with React Native, Firebase and Expo.

- Used Firebase for No-SQL database and mobile number authentication.
- Built using React Native and Expo for cross-platform compatibility.
- Led daily stand ups and planned workflow through a Kanban board to streamline production.
- Styled using NativeWindCSS for readability and ease of use.

Interbyte Website

The User Interface for InterbyteAPI, a news website built with React and Vite.

- Utilised React's Virtual DOM for faster rendering.
- Designed using CSS and media queries for responsive design.
- Used axios for simplicity and cleanliness of making API calls with support on all browsers.
- Planned wireframe and component tree using Figma.

InterByte API

A REST API built with Node.js, Express.js, and PSQL.

- Utilised PSQL to allow users to access and modify data using CRUD operations.
- Designed unit-driven and integration-driven test suites using JavaScript with Jest and Supertest.
- Implemented MVC design pattern and Express.js routing to improve efficiency and readability of code.
- Employed a Kanban board to enhance workflow by choreographing functionality implementation and testing.

PROFESSIONAL EXPERIENCE

Trainee Software Developer | Northcoders

Oct 2023 - Jan 2023

- Swiftly acquired transferable programming skills in a comprehensive, industry-led 13-week Software Development Bootcamp.
- Persistently tuned problem-solving skills through applying theoretical concepts, and industry-standard tools and frameworks such as NodeJS and Express to practical projects.
- Leveraged weekly pair programming projects which focussed on collaborating with a diverse cohort to enhance technical communication and creativity whilst building material solutions.

Team Member | Treetop Adventure Golf

June 2022 - July 2022

- Prioritised a range of tasks within a multifaceted role as a team member to guarantee effective and timely customer service at peak periods.
- Acquired a thorough product knowledge through research and customer input to attentively address customer's food and drink requirements at the bar and kitchen.
- Communicated with a wide age range of customers, ensuring customer confidence in knowledge of rules, safety and in the activities available.

EDUCATION

University of Manchester

BA Politics and Modern History
Grade 2:1

Aug 2020 - July 2023

Alec Reed Academy

English Literature: A*, Biology: A, History: A

Sep 2017 - July 2020
