# Michael Wood

**Full Stack Software Developer - Node.js Next.js TypeScript MongoDB TailwindCSS**

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## About Me

I am a full stack developer specialising in Node, Tailwind CSS, TypeScript and MongoDB. I follow the principles of OOP and TDD and have worked using Jest/ Cypress in recent projects. I am currently learning Next.js and best practices.

To see examples of my work please check out my portfolio (mgmwood.com) or my GitHub (https://github.com/Mike-W00d) or follow my work here on LinkedIn via my recent posts.

Before I started coding, I studied Business Management and Accounting and Finance at Nottingham Trent University. I have been programming for over a year and have completed a Software Development bootcamp at Makers in London. I have strong team working and personable skills from my time working in Commercial Sales at The Roe Group.

## Technical Skills

JavaScript • TypeScript • React.js • Next.js • HTML, CSS & Vanilla JavaScript • Node.js • Express • MongoDB • PostgreSQL • Python • Flask • Unit & Integration Testing (Jest, Cypress, Pytest) • Git & GitHub • TTD • OOP • REST APIs • Agile Methodology • Figma • Learning: Best practices, Further Next.js

## Projects

| Title | Description | Tech Stack |
|---|---|---|
| **Bald Bible**<br>GitHub<br>Repository | As part of the Maker final project, 3 other developers and I built a Pinterest style MERN stack app designed for hair loss positivity. The reactive site allows users to create an account and upload their images. | **JavaScript, React.js, MongoDB Atlas, Express, Node.js, GitHub, Cloudinary, Jest, Cypress** |
| **Mgmwood.com**<br>GitHub<br>Repository<br>Live Website | A portfolio built using Next.js, typescript and TailwindCSS. Functionality includes an Image Gallery, Contact Me form which sends an email and a Projects Carousel to show off what I've been working on. | **TypeScript, Next.js, MongoDB Atlas, Node.js, Tailwind CSS, GitHub, google ReCAPTCHA, React, Vercel** |
| **Nike Clone**<br>GitHub<br>Live Website | An interactive UI of the Nike homepage. Build on my own using the Next.js framework and Tailwind CSS. The UI uses tailwind to be fully reactive to different devices. | **JavaScript, Next.js, Tailwind CSS, GitHub, Vercel** |

## Career Summary

### Software Developer | Makers Academy
**(Sept 2023 – Jan 2024)**

- An intensive 16-week coding bootcamp covering all software development fundamentals such as using Git for version control while working in teams. Strong focus on test driven development and object-oriented programming
- Agile working - Led daily stand-ups, pair programming, and mobbing. Trello boards to manage workflow, presenting products and retro meetings.

- Frontend – Built dynamic and responsive user interfaces using React.js, CSS, JavaScript with reusable components and styling.
- Interpreted high-level user stories into relational (PostgreSQL) and non-relational (MongoDB) database designs. Developed test-driven RESTful APIs in Python/Flask and Node.js/Express

## Commercial Sales | Roe Bros and Co Ltd | Hybrid
**(Jul 2021 - Mar 2023)**
- One of the top salespeople for a steel reinforcement stockholder working in a team to deliver B2B goods and solve problems for clients. Worked on some of UK's largest infrastructure projects, including HS2 and the 3rd crossing at Great Yarmouth.
- Clear verbal and written communication to make sure customer needs and expectations were exceeded.
- Highly self-driven working to constantly bring in new customers to the business through networking and attending construction conferences.
- Built rapport with clients through strong communication while working in a fast-paced sales environment.
- Used analytical reasoning to close deals.

# Education

## Business Management & Accounting and Finance | BA Hons
- Nottingham Trent University (Sept 2019 - June 2023)
- Grade 2.1

## A Levels
- Arthur Mellows Village College
- Mathematics, Economics, Geography

# Other Interests

- Keen Golfer with a scratch handicap.
- Cycled Lands' End to John O Groats 3 times raising over £5000 for Save the Children and Crohn's & Colitis UK.
- Volunteer Maths Tutor.
- Duke of Edinburgh Bronze and Silver.
- Run 3 half marathons.
- CSIA level 1 Ski instructor.
- Avid Manchester United Supporter.