James Macmillan

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Midlands, UK.

Availability
Immediate

Seeking
Not actively seeking roles.

▣ Cover Letter

Hey, I'm James, a Senior Software Engineer based in The Midlands.

I've been tinkering with code since I was 12 years old, and I'm grateful to have turned my passion into an awesome career.

As a developer, I'm always up for a challenge and love tackling complex problems head-on. I specialize in full stack JavaScript development and have experience with Node.JS, React, Tailwind, C#, and many other languages.

I've worked on numerous applications across different sectors and have picked up a wealth of knowledge and experience along the way. I love working with all sorts of programming languages. I've worked on loads of applications across different sectors, and I've learned a ton along the way.

When I'm not coding, I like to skate, game, or just hang out with my family. My partner and kids mean the world to me. There's nothing better than spending quality time with the people you love most.

But enough about me - I'd love to learn more about you and your project. If you're looking for a seasoned developer who's got the skills and passion to bring your ideas to life, then let's connect and see what we can create together.

James Macmillan

This CV was written with ❤ in the Midlands, Using (Ⓥ Vite), (⚛ React), (〰 Tailwind) & others.

Profile

Agile, Full Stack Developer with team leadership, presentation, design, UX/UI, and application architectural experience.

Passionate and articulate, with proven knowledge in all aspects of Hybrid Mobile and Progressive Web app development.

Experienced in developing mobile and web applications across the extended full-stack, with teams of developers at varying levels of experience.

A strong love of technology, solving complex business problems with a team of like-minded people.

📖 Experience

7digital   Mar '23 - Present

(Node.js) (GCP) (AWS) (Terraform) (C#)

A new role in an awesome company. Watch this space.

Engineius   Jul '20 - Feb '23

(Typescript) (.net core) (Angular) (Nativescript)

Overhauling, updating, and improving Mobile and Web apps.

I was tasked with overhauling the Engineius mobile app, while transitioning its development in house. I significantly improved the performance, UX/UI, stability and maintainability of the app. I also worked to significantly improve the architecture and performance of the company's main web app.

I delivered multiple business derived projects working closely with the end users involved. I also lead and mentored new employees on the mobile app's development.

Packt   Nov '17 - Jan '20

(Node.js) (AWS) (Serverless) (Angular) (Cordova)

Shipping the mobile app for the Subscription platform and going Serverless.

I worked with Packt for 2 years on the Subscription platform. I was initially hired to expand the web application into a cross platform mobile app. I was also instrumental in migrating the API to use the Serverless framework on AWS. I worked with a team of developers with varying skill sets, helping to upskill and train new members of the team.

My development career became very focussed on Javascript stacks, writing brilliant code to solve complex solutions on a variety of platforms. During my time with Packt I endeavoured to improve code quality across the stack, helping develop and implement the code style used in house.

Severn Trent   Sep '12 - Oct '17

(.Net) (SQL Server) (Cordova) (Angular) (AWS)

Delivering web and mobile apps to drive the business forward.

I worked with Severn Trent PLC for 5 years developing a multitude of software solutions deployed to a wide variety of platforms.

Later in the role my forté was developing brilliant PWAs and Hybrid Mobile apps for use throughout the company. During my time with Severn Trent I developed solid, maintainable applications in the correct technology for the solution.

I worked with an ever changing tech stack to improve speed of delivery, starting with a Java & Spring backend, moving through .Net and landing on Node.js All the time improving my core skills in Design, Prototyping, Testing, Computer Law, Security, and implementing best practice. I jumped at the opportunity to lead my team, train our new starters, and suggest the ideal solution to complex software problems.

Stacks

My Ideal working stack is Node.js on Lambdas, or in Containers. With a modern RDS & Object Store. On the front end I like working in React or another component-based flux framework, with Tailwind and a decent bundler. On mobile I like Ionic but I'm currently transitioning to React Native.

In the recent past I've worked on more traditional stacks, deploying Node & .net core APIs to AWS on containers, EC2 instances as well as lambdas. I've also worked with multiple static site and SSR deployment patterns. My last few roles have used Angular heavily so I've got tonnes of Angular experience.
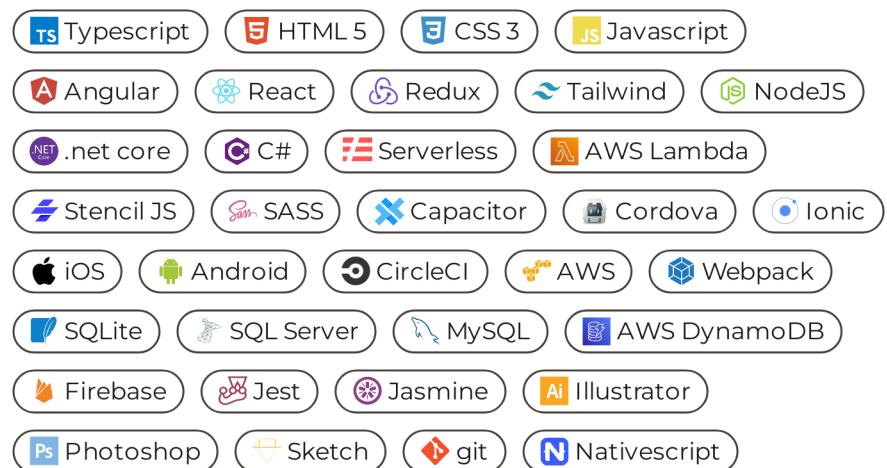
Interests

I'm a keen photographer, avid reader, and Cyclist. I find my interests changing over time but the main few stay the same.

When I'm not working, I like to continuously learn. In the last few years I've taken up Game Programming, Machine Learning, and Data Science. I find that learning new paradigms and languages keeps me sharp.

🎖 Skills

Below you will find a summary of some of the key technologies and tooling that I have experience with. If you would like to know if I've used a particular technology that's not listed, please get in touch.

Over the last decade I've picked up a wealth of experience in web and mobile application development. This has lead to lots of experience with UX/UI Design, Unit Testing, CI/CD, Software Architecture, DBMS, Performance Optimisation, and more.

Throughout my career I have mentored and lead other developers of varying skill levels. I've worked in a variety of teams with a variety of processes, and I'm most comfortable with Agile methodologies.

Typescript · HTML 5 · CSS 3 · Javascript · Angular · React · Redux · Tailwind · NodeJS · .net core · C# · Serverless · AWS Lambda · Stencil JS · SASS · Capacitor · Cordova · Ionic · iOS · Android · CircleCI · AWS · Webpack · SQLite · SQL Server · MySQL · AWS DynamoDB · Firebase · Jest · Jasmine · Illustrator · Photoshop · Sketch · git · Nativescript

🎓 Education

Coventry University   Jan '09 - Jan '12

BSc Computer Science *G400, 2.1 with Honors*

Caroline Chisholm School   Jan '02 - Jan '09

3 A Levels *Including Computing*
11 GCSEs