

# THE RÉSUMÉ OF BENJAMIN JAMES PATTERSON



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## PROFILE

Throughout my professional life, I have been involved in the advertising industry from traditional commercial art to big data analysis. I apply my experience to provide the uncommon combination of a high degree of technology skill and creative ability.

Learning the language of computers and making it easier for users to interact with machines is my passion. I strive to create highly interactive and intuitive user experiences.

I continually take an interest in the latest technological and scientific breakthroughs and research; seeking a broad knowledge to help me understand the way everything functions.

## SKILLS

- React
- Docker
- WebGL, WebRTC, Websockets
- MongoDB, NoSQL
- Electronics design, Arduino, Raspberry Pi
- Meteor, MEAN
- Serverless
- CI/CD, GIT
- Unit tests, Automated testing
- HTML5, XML, JSON, YAML
- Pure Javascript, Node, CommonJS, ES6-7
- Canvas, AJAX, CSS3 Animation
- CSS3, SASS
- Ruby, RoR, Sinatra
- PHP, Wordpress
- AWS S3, E2C, Cloudfront, ElasticBeanstalk, Route53
- Postgres, MySQL, SQLite
- Photoshop, Illustrator, InDesign
- Flash Action Script
- Packaging models, design templates

## EDUCATION

2008 - 2009

CATC (Commercial Arts Training College)

Advanced Diploma in Commercial Arts  
(Electronic Design and Interactive Media)

Mar. 2009 - Dip. Graphic Design

Sep. 2009 - Adv. Dip. Commercial Arts

## PERSONAL INTERESTS

- Automation of home and computer processes
- Internet of Things
- Motorcycling and adventures
- Recreational swimming
- Electronics and technology

## EMPLOYMENT

June 2017 - Present

Technology Lead - M&C Saatchi

Lead the Engineering and Creative Technology teams as an authority in my field. Became the driving force behind execution and delivery of award-winning digital platforms building a great excitement through the team and a personal in-depth knowledge of a wide range of bleeding-edge technologies.

November 2014 - June 2017

Senior Software Engineer - M&C Saatchi / Make

Drove the delivery of award winning campaign sites. Notable clients included Optus, ACRF, NRMA, Lexus and CommBank.

Responsibilities included the delivery of microsites, services, big data queries, hosting infrastructure, internal development processes and tools, apps and hardware-based campaigns. Planning skills were built upon to work with account service, creative and design teams to estimate long timelines for larger jobs.

Brought a unique skillset of full stack development to the team, grew a high degree of trust and gained a position of responsibility for backend architecting.

July 2011 - November 2014

Lead Developer - Native Digital

Planned, programmed and maintained code and infrastructure for web applications used in promotions, competitions, consumer information and marketing. Custom Wordpress websites, purpose built Ruby applications, content delivery, database management, scalability, asynchronous processes and exploration of cutting edge technology to meet clients needs.

Gained experience in the planning process, being regularly consulted on design and UX decisions especially from the perspective of technical possibilities.

Dec. 2007 - June 2011

Customer Service & Sales Assistant - Jaycar Electronics

Personalised assistance in consumer and hobby electronics. Assisted manager with in-store marketing. Gained a greater understanding of many electronic components and devices.

## REFERENCES

Available on request.