JAMES MCGLONE

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StackOverflow: https://stackoverflow.com/users/12001877/james-mcglone/

SUMMARY

Passionate Full Stack Developer with a lifelong interest in software development. Proven ability to design aesthetically rich user interfaces, build mechanically pleasing back-ends, and deliver smooth full-stack apps that exceed expectations. Recently acquired trending Node/JS full stack skills from the University of Western Australia's Full-Stack Developer Bootcamp. Recognised as a productive, creative and resourceful problem solver with the ability to communicate effectively to clients and colleagues. Lives to innovate and bring ideas to life.

TECHNICAL SKILLS

Deliverables	SPA / PWA, Hybrid Native iOS & Android Apps, UX/UI, Frontend and Backend Development, Database Architecture, API Development.
Languages	HTML, CSS, Javascript / jQuery, PHP, Bash.
Frontend	React, Vue, Ionic Capacitor, Bootstrap, Tailwind.
Backend	NodeJS, ExpressJS, Laravel PHP, JSON, RESTful APIs.
Database	MySQL / Sequelize, MongoDB / Mongoose, Google Firebase, Eloquent.
Testing	Test Driven Development, PHPUnit, Dusk, Cypress.
Other Technologies	MapBox, WebMidi, WebRTC, Websockets/SocketIO.
Deployment/Cloud	Git, Github, Gitlab, Google Cloud, Heroku, Netlify.
Project Management	Git, Github Projects, Trello, Agile method, Kanban, Scrum, Remote.
Hardware	Arduino C/C++, Hardware interface design.
Other Software	Adobe Photoshop & Premiere Pro (advanced), Ableton Live, Audacity, QLC+ lighting controller.

Full Stack Developer   2020−Present
Nano Solutions   Perth, WA
Development primarily in Vue.JS / Laravel PHP / SQL stack.
Ionic Capacitor hybrid native apps for iOS and Android.
TDD, Agile methodology, scrum, remote.
Working in a team with Git, Gitlab, Slack, Trello.

Audio/Lighting Technician   2018−2020
360 Artist Logistics   Perth, WA
Setting up audio, lighting, and digital screens for large scale events & concerts.

Lighting Designer & Technician   2017−2020
Dark Matter Executions   Perth, WA
Custom event lighting design, virtual 3D modelling, client consultation,
installation and operation at events & concerts.
Key Accomplishments:
- Major stage lighting concept, design & operation, Blossom Festival 2019

Owner/Manager   2010 − 2016
Amplified Commercial Cleaning   Melbourne, VIC
Operating a contract cleaning business servicing Melbourne's hospitality industry.
Building rapport with clients and subcontractors, implementing and reviewing systems,
supervising and training subcontractors, managing accounts, sales and marketing.

EDUCATION

Full Stack Developer Bootcamp Certificate: University of Western Australia, Perth, WA

Bachelor of Arts, Media and Information (Film and Television): Curtin University, Perth, WA

Graduated High School: Churchlands Senior High School, Perth, WA

Synths - Share online access to audio/musical hardware.
Deployed: https://synths.herokuapp.com
Github: https://github.com/jpmc3630/synths

- App that interfaces with physical hardware. Primarily designed to allow users to host hardware audio synthesisers online, and allow other users to remotely connect and use the hardware synths to design sounds in real time. Users can save sound design 'patches' to their accounts.
- Built in React and served from a NodeJS/Express server. Audio and video streams use WebRTC, synth control data uses SocketIO & WebMidi API. CapacitorJS for hybrid native iOS, Android, Electron apps.

Covid Hacker Space - Community hub and real-time knowledge base.
Deployed: https://covid-hacker-space.herokuapp.com/
Github: https://github.com/jpmc3630/covid-hacker-space

- Entry for DevPost Covid19 Hackathon. This single page app is a community knowledge base for technical articles and plans. It was designed at a time when shortages of materials and supplies was an impending reality and aimed to connect DIY makers.
- The hub features include real-time chat, article submission, hashtag keywords and search filtering, image upload with preview, article comment sections.
- Built in React with an Express / NodeJS server, MongoDB/Mongoose database, HTML, CSS, JavaScript.

Let's Go - Collaborative Travel Itinerary Web App
Deployed: https://jpmc3630.github.io/letsgo/
Github: https://github.com/jpmc3630/letsgo

- This web app allows multiple users to collaborate in real time, and plan holidays on a map driven itinerary. A URL can be shared with friends to allow access to collaborate on the trip itinerary. It was designed to allow everyone to get involved and excited about the future trip.
- MapBox API, Google Firebase, Javascript, jQuery, HTML, CSS, Ionic, RESTful APIs.

Midi-Hero - Browser-based Rhythm Game
Github: https://github.com/jpmc3630/midi-hero/

- Similar to Guitar Hero, this full-stack game creates levels by analysing MIDI files, and lets players attempt to break high scores by playing the drums along to visual cues and background music.
- MIDI files, web-audio-tinysynth JS library, Node, Express, HTML, CSS, JavaScript, JQuery, Express-Handlebars, MySQL, Sequelize, AJAX.