Matthew James Greci

matthew@greci.tech - 858-829-5027 - http://matthew.greci.tech - Albuquerque, NM 87120

Skill	Tech	Experience
Utilities	Git, Linux, Bash, WireShark	10 years
Frontend, UI	Next, React, Redux, React Native, Vue, Vuex, Angular, jQuery, Bootstrap	8 years
Backend, Server	NodeJS, Express, C++, Python, Flask, C#, ASP.NET, Java, Spring Boot, PHP	8 years
Databases	MongoDB, MySQL, PostgreSQL	8 years
Testing	Mocha, Jasmine, Jest, Chai, Sinon, Cypress, Postman	7 years
Containers	Docker, Docker Compose, ROS	7 years
Cloud	AWS S3, Lambda, EC2, API Gateway, ECS, Github Actions, CircleCI	7 years
AI, Machine Learning	Python, scikit-learn, numpy, neural networks, MLaaS	3 years
Masters of Science	Computer Engineering, University of New Mexico	May 2017
Bachelors of Science	Computer Engineering, University of New Mexico	May 2016

Professional Experience

Senior Software Engineer, **Robert Half (Paige)**, 11/2023 - 02/2024 (3 month contract)
- Converted Figma designs into functional Next and TypeScript components
- Data model structure design and utilization via Builder and Shopify
- Daily software development cycle of implementation and debugging iterations, gather feedback, repeat

Senior Software Engineer, **Kard Financial**, 07/2021 - 11/2023
- Lead offshore team on React with Redux and TypeScript application development
- Thought leader on API and UI test strategy, implementation, code coverage, CI automation
- Optimized top existing frequent database-intense queries with Mongo indices and query adjustments
- Integrated data partner into existing transaction process with automated end-to-end test suite
- Setup Sentry.io for React application, provided insights to team members and assist QA with automation

Full Stack Developer, **Robert Half (ConnectFS)**, 03/2021 - 07/2021 (4 month contract)
- Enhanced business user abilities to configurable layout and content in white-labeled web application
- Designed, built, and tested C#/.NET API services to SQL database for React application
- Collaborated with designer and business team to produce functional and documented full stack features

Software Engineer Senior, **SAIC**, 05/2020 - 03/2021
- Ruby on Rails, Vue, React, SQL, machine learning as a service, collaborated on first automated test suite
- Increased ease of building a ML model via virtual hallway testing within organization
- Improved hyperparameter interface to python scikit-learn, numpy/pandas ML models

Lead Full Stack Engineer, **KidTube.com**, 09/2019 - 05/2020 (COVID ended work)
- React, NodeJS, MongoDB, Heroku, content-creator video uploading application
- AWS S3, Lambda, MediaConvert, CloudFront, automated video conversion
- React Native iOS and Android, mobile applications with in-app subscription purchases
- NodeJS, Express, MongoDB, user management and video query API
- Material UI, admin analytics dashboard to visualize accounts, views, and video counts statistics

Software Engineer Senior, **SAIC**, 01/2015 - 09/2019
- Vue, C++, ROS, embedded motor code, web app for robot interfacing
- Automated deployment of Vue application via Docker container and GitLab CI/CD
- Visualized diagnostics and operator control data via ROS
- Converted Angular 1 to Angular 4, Python, for identity and access management web application
- Designed, built, and debugged unit tests with jasmine and end-to-end tests with Protractor
- Automated deployment of MeteorJS, NodeJS, MongoDB, project management tool
- Obtained Certified Scrum Master certification for Agile development schedule
- C++, Java, embedded systems, encrypted web camera, custom USB real time clock with linux daemon