

# Gabrielle Malate

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About → [Website](#)

## Skills

**Languages & Frameworks:** JavaScript | TypeScript | Node.js | Express | Hapi | React | React Native | Angular | Webpack | Module Federation | HTML | CSS | Postgre | Tailwind | Bootstrap | Design Patterns | Microservices Architecture | Python | Java | Swift | Objective-C | C++ | SQL | NoSQL | MySQL

**Tools & Technologies:** Git | GitFlow | Azure | Cloud Computing | CI/CD | XUnit | Jest (Vitest) | Unit Testing | Distributed Systems | Storybook | Figma | Firebase | MongoDB | APIs | Knex | Postman | Code Review | Scrum | Jira | Responsive Web Development | Agile

**AWS Services / Other:** CloudFormation | IAM | DynamoDB | S3 | Lambda | CloudFront | API Gateway | CloudWatch | X-Ray | Insight | DynamoDB SNS | SQS | Kinesis | Glue | Athena | Jupyter Notebook | Big Data | PySpark

## Experience

### Software Engineer

#### Freelance

Remote

02/2023 - Current

CLIENTS INCLUDE: Compass Montessori, MauSOULeum, Salu-Salo!, and Dependable Staffing

- Designing (**UI design & CSS**) and developing tailored software solutions, improving operational efficiency and meeting specific needs.
- Managing full-stack development projects from concept to deployment (E2E), utilizing technologies such as **React, Native, Node.js**, GraphQL and **SQL** to build **responsive** and performant **mobile and web applications**, optimizing page performance.
- Best practices: infrastructure as code, **CI/CD**, and **performance testing**. Managing & delivering on time and within budget.
- Integrating third-party **APIs** enhancing functionality, enabling features like payment processing, data analytics, & social media integration.
- Utilizing a range of **AWS** services, (see Skills above) for robust backend infrastructure.

### Full-Stack Developer

#### Vyga.io Consulting

Remote

2016 - 2019

CLIENTS INCLUDE: One Town Farm, UsedRadios.com, Worldwide Discovery Walks

- Directed **agile** projects at a consultancy specializing in full-stack development using **JavaScript, TypeScript, CSS and Node.js** for hybrid **mobile and web** applications with **React Native** and **Angular** best practices, building **scalable frontend architecture**.
- Delivered production solutions for clients including native **iOS and Android** components for clients, like Red Rocks Amphitheater.
- Managed full lifecycle development, from requirements identification and workload balancing to implementation, **testing**, and monitoring.
- Implemented Nightwatch Selenium to automate **UX testing** for a marketing platform.
- Integrated **CI/CD** pipelines, managed pull requests, conducted **code reviews**, performed **load, stress, unit, integration, and E2E testing**.

### Marketing Operations Engineer

#### Marcus & Millichap

Seattle, WA, USA

2020 - 01/2023

- Automated and optimized business logic for the core marketing experiments, including **A/B, Auto-Targeting, and Multivariate Testing**
- Managed digital marketing campaigns, including SEO and SEM, to increase online visibility and drive website traffic
- Worked closely with directors and managers on strategy and **mentored new team leads**.
- Developed consistent visual concepts & mockups, associated with a 15% increase in lead conversions through **mobile optimized designs**.
- Conducted data analysis on campaign performance, providing actionable insights that influenced app strategy and **design** improvements.
- **Collaborated with cross-functional teams** to integrate the app with marketing automation tools, improving UX and data tracking.

### Mobile Engineer

#### Cera App Development

Remote

2014 - 2015

- Developed UI layouts & front end functionality meeting precise requirements. **React & Native** best practices, reusable testable components for transforming data via created API. **UI Design** strategy for new product releases, streamlining branding efforts. **A/B & Multivariate Testing** for UX performance. **Auto-Targeting** for dynamic content adjustments (personalized product recommendations)

## Projects / Open Source

- Optical Character Reader - **Angular. Azure**. App with text recognition in images for searchable data
- MoodMemory - **Mobile first web application** using **NodeJS, Javascript, React**, Firebase, **CSS/Sass**. with features like user data into graphs (**MUI**) & searchable, sortable entries. Design & developed unique **User Interface**.
- Statistical Analyst - Tool for identifying potential issues such as bugs, security vulnerabilities, code smells, and adherence to coding standards. Built with **C++** and Clang.
- React-Native Meditation-App - **Mobile application & User Interface design. Custom API bridge. TailwindCSS, Typescript, Javascript, NodeJS**. Implemented **Redux** for efficient state management, enhancing app **responsiveness & UX**.
- \* WarehouseStock - Built client and server for dynamic stock tracking site using **React, Sass/CSS, KnexJS, NodeJS, Express, MySQL** compatible on mobile, tablet and desktop screens.
- \* React Native Social Media Clone - Includes: **authentication system, database, storage, + more. React Native: iOS & Android; Redux, Expo.**