

# Anthony Jude Clark

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## Work Experience

Software Engineer **Fortrea**, San Diego, CA

**January 2021 - Present**

- Developed clinical trials utilizing vanilla JavaScript, HTML5, and CSS3, ensuring seamless user experience and increased client satisfaction
- Collaborated with cross-functional teams, including UI/UX designers, product managers, and back-end developers, to deliver cohesive and comprehensive web solutions for clients within an Agile project environment.
- Configured and managed Mobile Device Management (MDM) policies to ensure the security and compliance of mobile applications across various devices, protecting sensitive clinical trial data and adhering to industry standards.
- Led end-to-end development of 20+ mobile apps and engineered 25+ reusable libraries, reducing dev time by 30% across projects..
- Utilized Xcode and Android studio to deploy Mobile Apps to the Apple Store and Google Play.

Web Application Developer **Snaplot**, San Diego, CA

**June 2020 - January 2021**

- Played a pivotal role in the rapid growth of Snaplot as a leading platform-as-a-service provider for mobile-connected, self-service clinical trial solutions during the Covid-19 pandemic, ensuring timely delivery of critical applications
- Developed and maintained high-performance web applications to streamline clinical trials, utilizing the SnapClinical platform, this software allows developers to write code using blockly logic/scripting and simultaneously publish the app on the web, iOS, and Android.
- Adapted to remote work environments and maintained clear communication with a team of 5 members, leveraging Agile methodologies with tools like Jira and Git to effectively manage project progress and consistently meet tight deadlines.
- Leveraged technologies such as Jenkins for environment configurations/deployments, and Bitbucket for private repository hosting.

## Education

**San Diego State University**, San Diego, CA

Graduated: **December 2019**

Management Information Systems – Bachelor of Science in Business Administration

**University California of San Diego**, San Diego, CA

Completed: **February 2025**

UC San Diego Extension Machine Learning Engineering Bootcamp Certification 2025 6-month intensive course in artificial intelligence and machine learning technologies and methods.

**Capstone Project:** Real Estate Price Prediction Tool: <https://github.com/TJC1996/RealMap>

## Technology Experience

**Programming Languages:** Python, JavaScript, SQL, MATLAB, Java

**Databases:** MongoDB, MySQL, PostgreSQL, Amazon SageMaker, EC2

**Web Frameworks:** React.js, Express.js, Next.js, Commerce.js, Node.js, Material UI, Bootstrap

**Front-End Technologies:** HTML, CSS, JavaScript, React.js, MaterialUI

**Automation Technologies:** Jenkins, Firebase, Mobile Device Management (MDM)

**Git:** Github, Bitbucket, Jira, Sourcetree

**Deployment:** Xcode, AWS (EC2, S3), Android Studio, Vercel, Amazon SageMaker, Netlify