

Education

Professional Certificate in Coding: Full Stack Development With MERN Massachusetts Institute of Technology (MIT) – Cambridge, MA	October 2022
Front End Developer Professional Certificate Meta Career Certificates	Expected December 2022
UX Design Professional Certificate: UX/UI Design Google Career Certificates	December 2021
Bachelor of Science: Computer Animation Concentration on Shading and Lighting Full Sail University – Winter Park, FL	October 2010

Projects

Swift Reader - Study aide and document reader An app that displays text from user input to allow users to read at over 1,000 words per minute Tech used: Google AdMob, Node.js, React.js, JavaScript, HTML, CSS •Created logic to convert documents into arrays and display at various intervals •Connected Google AdMob for monetization •Designed and adapted the prototype to a functional app	November 2022
Bad Bank - MIT Capstone Project A full-stack single-page app that allows users to create accounts and exchange currency Tech used: MongoDB, Mongoose, Express.js, Node.js, React.js, JavaScript, HTML, CSS •Created custom hooks in React.js and managed state through global context •Built database in Mongo Atlas •Created RESTful API using Express.js •Used Json Web Tokens for security authorization managed through local storage	October 2022
Plant Here - AWS Sustainability Project Deployment Link An app that uses machine learning to compare soil and rainfall data to suggest optimal crops •Collaborated with a team to create agricultural sustainability app •Built mock-ups, and designed visuals •Used React.js and Node.js to build creative front-end functionality	August 2022

Work History

Freelance Designer DesignWithGray.com • Designing UX/UI elements on websites in the hospitality industry • Build wire-frames, mock-ups, and high-fidelity prototypes • Work directly with stakeholders • Develop styles guides for future iterations • Design materials and typography for print	January 2022 - Current
Owner/Operator Gray Fitness, Greenwich, CT • Designed and implemented customizable, comprehensive systems for client goals • Developed long-term client relationships while providing • Business-to-business relationships • Manage overhead costs, business operations, and client services	April 2016 - January 2022
Fitness Manager New York Sports Clubs, Greenwich, CT • Interviewing, sourcing, and onboarding new hires • Managed over 20 employees directly • Built comprehensive team, multiplying client lists • Lead multiple employees to the company's top 10 list • Utilized public speaking skills to lead monthly presentations for training staff • Conducted monthly staff evaluations and adapted to environmental changes • Service manager role overseeing 150 clients • Added 100 new clients in 6 months • Developed staff and trained them in promotion criteria • Organized and coordinated client schedules and client upgrades/extensions • Department head who multitasked between training clients, managing the team, and sales	September 2017 - October 2018

Ian Z. Gray

Full-Stack
Web Developer

Contact

Websites

lanzgray.netlify.app

linktr.ee/lanzgray

Phone

(203) 779-9154

Email

[Ianzacharygray@gmail.com](mailto:IanZacharyGray@gmail.com)

Skills

Languages: JavaScript, HTML, CSS, JSON

Tools: npm, Yarn, Node.js

Cloud: AWS, Heroku

Framework: Express.js, Bootstrap

Libraries: React.js, Axios

Database: MongoDB, Postman, MySQL, Strapi

Testing: Jest

Web Design: Figma, AdobeXD

Graphic Design: Photoshop, InDesign, After Effects

Publications

"Programming the Human Body"

Health and Fitness Book,
Kindle Direct Publishing

Coming April 2023

"Chronicles of a Swordsman: The Handmaiden's Diary"

High Fantasy Adventure Book,
Kindle Direct Publishing

March 2021