

Ian Kessack

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GitHub: <https://github.com/IK8933>

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Professional Summary

Full Stack Web Developer with practical experience building and deploying applications using the MERN and PERN stacks. Background in biomedical science with 8+ years in clinical and logistics roles. Experienced in developing scalable web applications, integrating RESTful and GraphQL APIs, and implementing secure user authentication. Deployed applications using AWS Amplify, Render, and Vercel. Comfortable in agile environments and focused on clean code, automation, and performance-driven solutions.

Technical Skills

Languages & Frontend: HTML5, CSS3, JavaScript (ES6+), TypeScript, React, JSX, Tailwind CSS, Bootstrap, Vite

Backend & Databases: Node.js, Express.js, MongoDB, Mongoose, PostgreSQL, MySQL, Sequelize, Python

APIs & Auth: RESTful APIs, GraphQL, Apollo Server, JWT, Bcrypt, dotenv

Dev Tools & Deployment: Git, GitHub, GitHub Actions (CI/CD), Inquirer.js, Postman, Thunder Client, VS Code

Hosting: AWS Amplify, Render, GitHub Pages, Vercel

Testing: Jest, Supertest

Projects

More projects available at: <https://github.com/IK8933>

Grid-Venture – React | Node.js | MongoDB | Tailwind CSS | AWS Amplify

Tile-based puzzle adventure game featuring fog-of-war exploration and item-triggered events.

- Developed layered grid rendering and NPC interactions
- Built a responsive HUD and dynamic terrain system

Link: <https://main.d3di6mrkoy0u21.amplifyapp.com>

Wordle Clone – React | JavaScript | Tailwind CSS | AWS Amplify

Tech-themed word guessing game inspired by Wordle, built with smooth tile animations and real-time feedback.

- Implemented randomized word selection from a curated 5-letter dictionary
- Developed flip animations, color-coded feedback, and interactive keyboard tracker

Link: <https://main.d22ryjodg59ixx.amplifyapp.com>

Jumper – JavaScript | HTML5 | CSS3

Browser-based platformer game with gravity physics and collision detection.

- Designed jump mechanics and responsive player movement
- Styled game with HTML5 Canvas for retro look.

Link: <https://main.d2udk01zvq4b82.amplifyapp.com>

Work Experience

Maine General Health – Laboratory Assistant

Dec 2023 – Aug 2024 | Augusta, ME

- Performed phlebotomy across 6-7 hospital departments
- Surpassed team average by processing 100+ samples per day while maintaining minimal labeling errors and consistent accuracy

ScribeAmerica – Medical Scribe

Sep 2019 – Dec 2023 | Oakland, ME

- Documented 25+ patient visits per day into EHR
- Recorded clinical data supporting a practice with 1,000+ active patients
- Supported EHR documentation and patient workflow

TQL – Logistics Account Executive

Feb 2018 – Sep 2018 | Daytona Beach, FL

- Managed 10-15 freight logistics and scheduled over 25 deliveries daily
- Negotiated pricing with clients and carriers

CSL Plasma – Phlebotomist / DST / Quality Specialist

Jan 2017 – Sep 2017 | Dayton, OH

- Operated 20 apheresis machines and monitored donor safety
- Maintained quality control protocols during plasma collection

Education

Columbia University, New York, NY

Full Stack Web Development Certificate — Columbia Engineering Coding Boot Camp, October 2024 – April 2025

Keiser University, Jacksonville, FL

Bachelor of Science in Biomedical Sciences, Cum Laude — August 2016
