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OVERVIEW: Results-driven full-stack developer with a strong foundation in psychology and statistics, pursuing an MS in computer science by night and seeking a position in software development. Skilled at JavaScript, Python, React, NodeJS, Flask, and API creation and consumption, and committed to delivering user-first front-end views supported by robust, efficient back-end solutions. Holds a B.A. in Psychology from Trinity College Dublin, bringing a unique blend of empathetic and analytical problem-solving that enhances both the technical and human aspects of development. Thrives in collaborative and technical settings and is eager to elevate and refine the user experience with your team!

Languages: CSS, HTML, Java, JavaScript, TypeScript, Python, SQL

Frameworks & Database: Django, ExpressJS, Flask, NoSQL, PostgreSQL, React, React Native, SQLAlchemy **Tools/DevOps:** Adobe Creative Suite, Eclipse IDE, ElephantSQL, Firebase, GitHub, Glitch, Google Drive, Heroku, IBM SPSS Statistics, IntelliJ IDE, Jinja Templating, JSON, Netlify, Node.js, Postman, Redux, REST APIs, Visual Studio Code

PROJECTS

SnoozeSense - A Sleep App

Co.Lab | Sept 2023 - Nov 2023

- Spearheaded database design and implementation with Firestore and integrated Firebase Authentication, enabling secure data retrieval and storage for logged-in users while enforcing specific data input qualifications.
- Developed the user-facing mobile <u>application</u> in React Native with Typescript, employing Expo-Router for tab and stack navigation and translating the design team's Figma layouts into an elegant and seamless user interface.

Multiplayer Dance-Off Game

Personal Project | July 2023 - August 2023

Collaborated with four developers to create a multiplayer dance-off game utilizing Rune SDK for networking and state preservation and React.TS with TailwindCSS to create a seamless, engaging user experience. Practiced Agile project management including regular scrum meetings, sprint planning, and user story prioritization to collaborate efficiently.
 Portfolio Site

Personal Project | May 2023 - July 2023

- Developed a <u>personal portfolio</u> website using React with TypeScript to showcase my projects, skills, and experience.
- Implemented serverless functions with Node.js and Nodemailer to create a contact form where submissions are emailed securely to me, and deployed frontend and backend components with continuous integration via Netlify.

Analysis of Social Media Use and Health

Trinity College Dublin | October 2021 - May 2022

- Conducted a research project from start to finish, managing participant recruitment and testing, and utilizing Python's numpy, pandas, and matplotlib to <u>analyze</u>, interpret, and write up the research.
- Authored a paper detailing my research, presented to a panel of experts, and received top marks for my work.

EXPERIENCE

Code Coach

theCoderSchool | January 2023 - Present

- Designed engaging and personalized <u>lesson plans</u> to teach students to code in Scratch, Python, and JavaScript, and fostering curiosity and logical reasoning in both one-on-one and group settings.
- Curated resources to streamline the students' setup process, particularly via online IDEs like Replit and CodePen.
- Earned Employee Spotlight of the Month for April 2023 in recognition of my diligence and effective teaching.

Small Business Owner

LittleBirdBigIdeas | July 2021 - Present

- Established an Etsy shop with coherent branding and consistent, high-quality products in advance of market trends.
- Resolved questions and concerns and handled commissions to achieve a seamless, friendly customer experience.

Full Stack Software Developer

Co.Lab | Sept 2023 - Nov 2023

- Led a small team of software developers, collaborating closely with the product management and design teams to conceptualize and implement features that aligned with the <u>product</u> vision.
- Delivered technical specifications detailing the tech stack and feature feasibility, ensuring seamless team communication and resulting in the successful, timely delivery of a minimum viable product at the end of the program.

Software Developer

Coding Temple | July 2022 - September 2022

- Handled retrieved API data with React and Node.js to create an <u>intuitive UI</u> that ensured a seamless experience for users creating a new profile, viewing other users' profiles and creating, editing, and deleting their own posts.
- Crafted a <u>weather application</u>, connecting a public weather API and using Flask's Jinja Templating to achieve a thorough, elegant user experience. Utilized Netlify's environment variables to protect my API keys on deployment.
- Launched a Flask <u>phonebook</u> web application that gives authenticated users access to full CRUD functionalities.

EDUCATION

LANGUAGES

Trinity College Dublin, B.A. Psychology and Sociology (Sept 2018 - May 2022)

- Graduated with second class, first division honors

Coding Temple, <u>Certificate of Completion</u> (July 2022 - Sept 2022)

- Graduated with over 100% for exceeding expectations on every assignment.

DePaul University, M.S. Computer Science (Winter 2023 - Winter 2025)

Native English speaker