

# RYLAN HILTZ

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## EDUCATION

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### Bachelors of Computer Science at Trent University

April 2026

- *With a Specialization in Software Engineering*

## TECHNICAL SKILLS

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**Programming Languages:** HTML, CSS/Tailwind, Javascript, Typescript, Python, SQL, PHP

**Tools/Frameworks:** React, Git, Django, Framer Motion, Figma, Photoshop, Terminal, Vercel

## PROJECTS

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### Personal Portfolio Website

- Built with React using the **Next.js App Router**, a single page website to display my personal projects, skills, experience, and contact information.
- Full responsive for all devices, designed primarily with **Tailwind CSS** and utilizing **Framer Motion** for smooth and complex animations

### Lumera - Movie Watchlist

- Developed a back-end API for a movie watchlist site using **PHP** and **MySQL**, which utilized RESTful API endpoints for managing movies, watchlists, and user authentication.

### Sheetwise - AI Study Sheet Generator

- Developing a full-stack study sheet generator using **React**, **Django**, and Django REST Framework, implementing **JWT auth**, protected routes, and role-based access control.
- Designing a dynamic dashboard with **Ant Design** and **Tailwind CSS**, integrating React hooks and Context API for state management, along with file upload, AI text parsing, and PDF generation using ReportLab.
- Building **RESTful APIs** to handle **CRUD** operations for notes and user accounts, ensuring efficient data retrieval and secure session management.

### Aestheticons - Digital Product Etsy Store

- Designed a reusable, scalable Figma template converting **400 brand SVGs** into cohesive aesthetic iPhone icon packs, optimizing workflow and consistency across designs.
- Created an iPhone home screen mockup within Figma to serve as a dynamic preview & marketing asset for product listings.
- Launched and marketed the icon pack through Etsy, generating **150+ orders**, **2,700+ visits**, and **4,600+ store views**.

## RELEVANT COURSEWORK

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Discrete Structures I, Data Structures & Algorithms II, Web Development II, Software Specs & Development, Database Management Systems, Systems Programming, Software Design and Modelling