

# Jacob Good

## Software Engineer

Competent software engineer with a curiosity for AI, data analytics, and user experience. Proven track record of creating front and back end web applications. Focused on team results as a Director and implemented new tech initiatives for a team that designed an ESL curriculum that improved students' English levels by one full CEFR level.

### Work Experience:

#### **Software Engineer at 100Devs** — 2022 - Present

- Collaborated with a team of developers to build modern and responsive web applications using best practices.
- Built semantically structured full stack web applications.
- Applied agile methodologies like SCRUM for project management

#### **Web Developer and Technical Writer** — 2018 - Present

- Created full stack web applications and static websites for clients focusing on responsive websites, social media strategy, and SEO
- Provided insight to increase web traffic and decrease bounce-rate
- Wrote technical blog articles for various tech companies

#### **Business and Computer Science Teacher** — 2018 - Present

- Developed Python, HTML, CSS, and JavaScript courses. Projects included hangman, whack-a-mole, and rock-paper-scissors.

#### **Director, Math and Science Teacher** — 2013 - 2018

- Harvard's Project Zero coordinator - Led a team of 25 teachers to successfully complete a global competence training course

### Projects:

#### **Movie Mania (full code) (live)**

- Video website created with signup/login functionality. Fully responsive multipage app with search features. MERN + Tailwind CSS stack.

#### **Spelling Bee (full code) (live)**

- Using Interacts.io, JavaScript, HTML, and CSS I created a game to help emerging learners practice spelling.
- Drag and Drop functionality with focus on engaging users under age 5

#### **Do You Know WebDev? (full code) (live)**

- Using HTML, CSS, and JavaScript I built a multiple choice quiz and deployed it to Netlify. Focused on helping mentor new web developers by testing their knowledge of HTML, CSS, and JavaScript.

#### **Other Projects** - (full code links and reports on website)

- Personal QR, Billy's Bevs, Movie Mania, Rental Property Calculator, Graham Number Stock Price Analysis, and many more

### Education:

M. Ed. - American College of Education, Curriculum, 2015 - 2017

B. Ed. - West Chester University of Pennsylvania, Biology, 2006 - 2010

#### **Portfolio:**

[jacobegood.com](http://jacobegood.com)

#### **Personal Info**

##### **Email:**

[jacobegood@gmail.com](mailto:jacobegood@gmail.com)

##### **Twitter:**

[@jacobegood](https://twitter.com/jacobegood)

##### **LinkedIn:**

<https://www.linkedin.com/in/jacobegood/>

##### **Hashnode Blog:**

<https://snake0.hashnode.dev/>

#### **Technical Skills:**

HTML

CSS

JavaScript

Python

React

Node.js

Express.js

MongoDB

OOP

WordPress / Shopify

R, SQL, Tableau, Excel, TensorFlow, PyTorch, Swift, Data Visualization, Figma, Flask

#### **Certifications:**

[Google Data Analyst](#)

[IBM Data Science](#)

[IBM Cloud Applications](#)