Tim Kravel

Doylestown, PA | TLKravel@Gmail.com | 267-972-2897

Objective:

Experienced CNC programmer seeking a new career path in software development. Looking for an opportunity to apply my passion for programming for a company I can grow with.

Portfolio: TKDevDesign.com

Projects:

- **Parent Helper:** A application to help keep track of multiple aspects of your child's day. Built with React, Node.js, Express, MongoDB, JavaScript, and CSS. User authentication is handled with Json web tokens within cookies.
- **Quit smoking calculator:** A application to visualize savings since quitting and tracking goals. Built with React, Material UI, Node.js, Express, MongoDB, and JavaScript. User authentication is handled with Json web tokens within cookies.
- **Weather App:** A React.js app that displays the current, twenty-four hour, and three-day weather forecasts. Built with React, Node.js, Express, JavaScript, and CSS. Data pulled from weatherAPI.com API.
- **My portfolio:** Built using HTML, CSS, and JavaScript. A Node.js app serves my resume and uses NodeMailer to email form data to me.

Skills used: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, Git.

Work experience:

Digital Machine Company: Aug 2012 — Feb 2021

CNC Programmer / Set-up machinist

- Turn blueprints into CNC programs using G-code to manufacture high precision parts.
- Alter programs and offset tool geometry during production runs to accommodate for tool wear.
- Trouble shoot programming issues for my entire department.
- Choose best tooling and machining practices to efficiently complete a job.
- Inspect parts while running to ensure they meet the tolerances of the blueprint.