

VINH PETERS

Full-Stack Developer and Mechanical Engineer



SKILLS

JavaScript/TypeScript	Node.js	C++
Python 3	Java	Adobe Creative Suite
TensorFlow	MongoDB	SQL/PostgreSQL
React.js	scikit-learn	Docker

TECHNICAL PROJECT EXPERIENCE

Syelo

Technologies: React, Next.js, Tailwind, PostgreSQL, TypeScript, Storybook

A platform for technical recruiters to share and refer job candidates. Worked with senior engineers to build and launch app at joinsyelo.com.

Hanawilo Jobs

Technologies: React, Node.js, Python, BeautifulSoup, MongoDB, Pandas, GeoJSON

A job board for junior-level developers that allows users to find relevant jobs near them using a database built with a Python data pipeline combining several data sources.

Connect 4 Minimax

Technologies: Minimax AI, Python, Pygame, Numpy

A Connect 4 game made in that implements an AI opponent using a minimax algorithm with alpha-beta pruning.

Pomo Tasks

Technologies: React, Redux, Bootstrap

A Pomodoro Technique timer app with integrated task management. Based on the book *The Pomodoro Technique* by Francesco Cirillo.

Capital Theatre

Technologies: Vue.js, Bootstrap, SCSS, Adobe XD

A front-end demo with a bold design, featuring some of my favorite movies.

PROFESSIONAL EXPERIENCE

Deployment Specialist | Nextera Robotics

May 2023—Present

- Manage deployment of autonomous robot and support equipment infrastructure on customer site
- Troubleshoot hardware and network issues, work with design and software engineers to implement solutions and upgrades

Supply Chain Engineer | Capsa Healthcare

August 2021—August 2022

- Lead VA/VE activities with component suppliers including consolidating part designs, using alternative materials
- Design new products to address supply chain issues and manufacturability
- Evaluate design changes from suppliers to address quality challenges and implement process improvements
- Developed new product designs to change manufacturing processes, cutting production cycle times by 80%

Tooling Project Leader | KTH Parts Industries

November 2019—August 2021

- Manage multimillion-dollar, new model tooling projects for under-body automotive supplier
- Evaluate customer part designs for stamping formability, achievable quality and cost
- Work with design engineers, die makers, welding, and quality departments to develop prototype drawings into mass production parts
- Developed data automation tools using VBA, HCL Domino to reduce data entry times by 70% and reduce human error.

CONTACT

✉ vinhpeters@outlook.com

📞 (614)-592-0601

🌐 [linkedin.com/in/vinh-peters](https://www.linkedin.com/in/vinh-peters)

🌐 vinhpeters.com

🐙 github.com/vinhpeters

EDUCATION

The Ohio State University

Bachelor of Science:
Mechanical Engineering
August 2014—May 2019

Nucamp Coding Bootcamp

Web Development Fundamentals
Back End, SQL, DevOps with Python
Full Stack Web + Mobile Development
February 2022—October 2022

CERTIFICATIONS

TensorFlow Developer Certificate
May 2023

AWS Cloud Practitioner
December 2023