

NATHANIEL SHELHART

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TECHNICAL SKILLS

Front End | React, NextJS, Javascript, TypeScript, HTML/CSS, Tailwind

Back End | NodeJS, Django, Flask, PostgreSQL, MongoDB, MySQL

Testing/Deployment | AWS:EC2, AWS:ECS, Mocha, Robot

Developer Tools | Docker, Git, npm, pip, Webpack, Babel, Agile Methodology, TDD, CI/CD

EXPERIENCE & PROJECTS

Full-Stack Software Engineer | Freelance

May 2022 - Present

Web app development (front-end/back-end)

Django | Node.js | React | PostgreSQL | EC2

- Developed over 10 web applications in MERN and React-Django-PostgreSQL stack. Handled development of ecommerce, user authorization, payment integrations, with a TDD philosophy and CI/CD.
- Worked with large companies including Kronos Fusion Energy, and startups such as U.S. Trade Recruiters and PlayerTrader
- Developed GPT-4 meal planning app leveraging machine learning technologies combined with a Google Calendar-like interface, user registration, payment processing, and nutrient barcode scanner
- Leveraged other freelancers to make project teams during large development goals, further developing project management and teamwork skills

Founder, CTO | 585 Mobile Detailing LLC

Jan 2021 - May 2022

Scheduling and CRM web-application

Flask | HTML/CSS | Tailwind | Docker

- Leveraged automobile and technical knowledge to create a local service-based business relying on a strong technical foundation to scale the company
- Created a CRM with a customer scheduling system that automatically schedules appointments based on customer and technician requirements
- Developed custom email marketing, payment processing, and recurring appointments into CRM

Mechanical Designer, Technology Specialist | Xerox

June 2019 - June 2021

Mechanical design work with introduction to digital systems

TDD | Agile Methodology | VR | AI

- Introduction to an extremely fast-paced and high-tech work environment with aggressive deadlines
- Utilized company resources to take courses in Agile development (scrum specific)
- Cross-trained into PCB design and electronic/mechanical team integration
- Led a VR-CAD technology discovery to be on the cutting edge of technical development

WordPress Website Designer, UI Specialist | Upwork/Fiverr

Jan 2018 - Feb 2019

Part-time design work during college

UI | Figma | WordPress

- Facilitated discussions with design/marketing teams to assess client expectations and constructed Figma wireframe
- Handled WordPress front-end design and templating. Utilized custom JS/CSS to improve loadtimes and implement external APIs for customization
- Implemented custom Django external REST APIs to handle custom data handling and functionality

EDUCATION

Monroe Community College - Associate of Science, Computer Science/Mechanical Engineering, GPA 3.9

2019

- Developed software for custom built drone as a capstone engineering project (Arduino)
- Digital Systems - course on foundational levels of computer component construction (binary)
- Matlab - course to solidify OOP and functional coding methodologies