Edmund Pfeil

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Software/Web Developer with experience building production web apps, APIs, data pipelines, and automation tools across SaaS and Web3. Strong in JavaScript/TypeScript, Node.js, React, and Python with a track record of shipping client-facing features, internal platforms, and real-time monitoring/analytics.

SKILLS

Languages: JavaScript/TypeScript, Python, PHP, SQL, Java, Go, C/C++, C#
Frontend: React, React Native, Vue/Nuxt, Preact, HTML5, CSS/SCSS, Bootstrap, Material UI
Backend/Data: Node.js, Express, REST APIs, GraphQL, Postgres/PostgREST, MongoDB/NoSQL
Tools: Git, Linux, macOS, Windows, CLI automation, scripting

EMPLOYMENT

Software / Web Developer | SimpleAssist.io
Winter 2024 – Present
- Built a client-customized AI chatbot by scraping and parsing business websites to extract structured data (contacts, hours, addresses, emails).
- Developed lead-generation automation to identify and qualify prospects across niches (medical, dental, wellness, and local services).
- Integrated payments and a PostgREST-backed Postgres database for client onboarding and configuration.

Software / Web Developer | Beefy Finance & Other Web3 Projects
Fall 2022 – Winter 2024
- Created APIs and a UI dashboard to surface portfolio positions across multiple EVM blockchains and platforms.
- Built real-time monitoring tools to track multiple exchanges for arbitrage opportunities and market signals.
- Contributed to a simplified tax UI for cryptocurrency transactions across EVM networks.

Software / Web Developer | Jets.com
Winter 2022 – Spring 2023
- Improved site UI/UX and mobile responsiveness for a more polished and conversion-friendly experience.
- Designed email templates aligned with deliverability best practices.
- Wrote scripts to source and organize outreach leads from forums and curated lists.

Software / Web Developer | CCMA, LLC
Fall 2018 – Spring 2023
- Rewrote the company intranet using React and Python; maintained legacy PHP modules during migration.
- Designed and shipped an internal REST API (Express.js) to support new tools and workflows.
- Consumed external APIs and implemented web scraping to power historical price analysis and interactive mapping.

Web Developer | Runsmart Online, Inc.
Spring 2020 – Fall 2021
- Built and maintained mobile-friendly PHP pages and tools supporting personalized training plans.
- Integrated external APIs to adjust workouts based on weather and conditions.

Mobile App Developer | Kaiser Engineer
Fall 2018 – Spring 2020
- Developed a cross-platform iOS/Android app (JavaScript) to interface with physical automotive hardware.
- Designed a streamlined UI for fast, on-the-go device configuration.

Network Technician / Developer | Yahoo!
Fall 2017 – Fall 2018
- Configured server and switch networking (IP configuration, DNS) and supported new server deployments.
- Installed copper and fiber cabling for newly provisioned hardware.
- Authored terminal scripts and auditing tools to streamline operations and inventory management.

Web Developer | Canisius College
Spring 2017
- Redesigned The Wire Radio Station website for fast streaming and a mobile-friendly experience.

EDUCATION

University at Buffalo — Buffalo, NY
B.S. Computer Science, Cum Laude — May 2017

Relevant Coursework: Operating Systems, Networks, Algorithms, Programming Languages, Web Development, Embedded Systems, Computer Organization, Discrete Structures, Calculus III, Probability.

TECHNICAL / PERSONAL PROJECTS

Algorithmic Trading Module | Personal Project
Node.js CLI / Module
- Created a Node.js module/CLI to implement programmatic options and equities strategies using the Robinhood web API.
- Built automation and workflow tooling in CoffeeScript/Node.js.

EVM Arbitrage Trading | Personal Project
Node.js
- Developed scripts and models to analyze DeFi arbitrage across DEXs and prototype execution via flash loans.

Server Auditing System | Professional Tooling
Python, JavaScript, React
- Built an internal tool to verify drive wipes and validate serial numbers to reduce shipment data-leak risk and improve inventory accuracy.
- Implemented a web UI and automation scripts (Python/JS) with React-based interfaces.

LED Strip Control | Personal / IoT
Python, AWS, Vue.js

- Built scripts and a local UI to control and customize LED hardware components.
- Integrated with AWS and Alexa.

VOLUNTEER AND COMMUNITY SERVICE

Community Missions — Niagara Falls, NY