

DAVID LARSEN

FULL-STACK DEVELOPER

CONTACT

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PROFILE

When I was young, I took an interest in software programming. I learned fundamentals in BASIC and C++. However, I set that aside in my pursuit of a music career. Now, work in tech support rekindled my interest. I used some self-study to start catching up, but realized I would need more to pursue this professionally. That led me to Nashville Software School. The skills I have learned allow me to work logically and creatively to build meaningful, fulfilling projects.

PROJECTS

GRASS IS GREENER

Frontend Capstone

github.com/dLars99/greener

Grass is Greener is a single-page application designed to assist everyday people with tracking their lawn care. Features include:

- Task log for the user with full CRUD functionality
- Automatic creation and maintenance of a schedule for seasonal lawn tasks
- Weather conditions via WeatherAPI
- Alerts to notify the user if scheduled tasks are due, if the lawn needs water, or if weather conditions are not favorable
- Built using React and React Router Dom. Styled using CSS. Additional resources include Feather for React, React Liquid Gauge, Frostline API, and JSON Server Relationship.

EXPERIENCE

FULL-STACK WEB DEVELOPER

NASHVILLE SOFTWARE SCHOOL | MAY 2020 - PRESENT

The full-time web development program at NSS is an intensive six-month learning experience. Students learn not just the fundamentals of coding, but of software design and team best practices.

- Led a team to meet requirements in the creation of "Holiday Road," a single-page trip-builder application utilizing Javascript, HTML, CSS, and 3rd-party APIs- Learned and assisted fellow cohort members with version control and Git/GitHub
- Worked remotely on projects with teammates and other cohort members while adapting to the challenges of the 2020 COVID pandemic

Projects

NUTSHELL

Nutshell is a social networking platform to share events and interesting stories with other users.

- Built using React and React Router Dom in a team environment
- Responsibilities include building the Events and Articles sections, building the header and navigation/routing, and CSS design,
- Other features include a to-do list and a message board

HOLIDAY ROAD

Holiday Road is a trip planner focused around the U.S. National Parks System. The National Parks API is used to obtain information and create an itinerary for the user.

- Built using standard Javascript, HTML, and CSS in a team environment
- Responsibilities include the parks selector and API interface as well as the itinerary save and rendering
- As the team leader, led the project to successful completion as one of only a few teams to meet MVP

IT TECHNICIAN

TECHPROS | JUL 2018 - APR 2020

TechPros is a privately-owned and operated IT services provider located in Franklin, TN. It caters to the software, hardware, and networking needs of individuals and small to medium businesses.

- Updated procedural checklists to suit current company needs and technology, eliminating redundancies and outdated actions and improving turn-around time
- Created the foundation for a tiered support system by providing a steady first contact for clients, allowing management to focus on advanced network support and new client acquisition
- Maintained and strengthened relationships with multiple managed IT services client companies through help desk support of over 200 users
- Managed the diagnosis and resolution of computer problems for all walk-in clientele through effective communication and technical expertise

INDEPENDENT MUSIC PROFESSIONAL

SELF-EMPLOYED | AUG 2013 - JUL 2018

Freelance musician, part-time prior to 2013, and full-time from 2013 to 2018. Focused on freelance performance and teaching private music lessons.

- Built a lesson studio of **50+ full-time weekly students** plus additional part-time students through word-of-mouth and targeted online marketing
- Established lasting relationships with parents by nurturing student success in school band placement and honor band recognitions
- Collaborated with other musicians to create successful entertainment experiences resulting in repeat business from clients
- Produced and managed the recording and release of an EP to engage new revenue streams
- Procured first-call positions with other musicians by learning material quickly and accurately and by demonstrating flexibility with unplanned live challenges

IT TECHNICIAN

TECHPROS | MAY 2006 - AUG 2013

TechPros is a privately-owned and operated IT services provider located in Franklin, TN. It caters to the software, hardware, and networking needs of individuals and small to medium businesses. During this time, it also provided consultancy services to larger businesses.

- Attentive, detail-oriented technical support was instrumental in growing the company from a startup to revenues over \$1M
- Developed and documented procedures to standardize the training of new hires- Created procedural checklists to improve accuracy and consistency of technician work, reducing same-issue returns by 40%
- Managed and maintained the company's largest recurring revenue stream via contract with **Sony Music Nashville**, functioning as Tier 2 help desk support
- Modernized the desktop and laptop workforce at Sony by deploying building-wide hardware and operating system upgrades
- Facilitated business meetings with outside clients and artists at Sony by collaborating with IS&T management in New York on the planning, configuration, and deployment of the location's first wireless network

EDUCATION

NASHVILLE SOFTWARE SCHOOL

Web Development Bootcamp

Nashville, TN

BACHELOR OF MUSIC, THEORY AND COMPOSITION

Middle Tennessee State University

summa cum laude