# NATHANIEL POWNELL

Zionsville, IN

(520) 977-0323

[nathanieldpownell@gmail.com](mailto:nathanieldpownell@gmail.com)

<https://www.nathanielpownell.com>

# EDUCATION

**ASSOCIATES OF APPLIED SCIENCE IN SOFTWARE DEVELOPMENT** – December 2021

Learn practical programming techniques and problem-solving skills. Become proficient in proper procedures to develop, test, and maintain software applications. This program taught me:

* How to develop, test, and maintain software
* Software Development Lifecycle (SDLC)
* Fundamentals of Information Technology
* Writing readable and concise code
* Practicing proper documentation throughout the duration of the SDLC
* The basic structures of programming (OOP, Functional)
* How to adapt to new syntax
* Project Management and tools to efficiently facilitate the development of a software project
* Basics of cybersecurity
* How to effectively work both in a group and individually
* Server and client-side scripting (PHP, Javascript)
* Web development best practices (SEO, HTML semantics, etc)

**Certifications Received –**

* Certificate in Web Foundation CT – May 2021
* Certificate in Software App Dev CT – Dec 2021
* CompTIA A+ - Jan 2021

Candidate ID: COMP001021777188

* AWS Cloud Certified Practitioner – Dec 2021

Validation #: 2SC3H6DDFNBQ19W3

# EXPERIENCE

02/21 – Present

**WEB DEVELOPER, DEAN MEDIA L.L.C.**

Plan, develop, and maintain websites for clients using an array of technologies. Meet with clients and discuss needs and propose solutions to best suit those needs. Ensure timely communication in a professional manner and have all answers to any questions that arise during the process.

Soft Skills Utilized:

* Ensure project is planned out
* Practice professional Communication
* Take ownership of project
* Make desirable offers
* Overcome obstacles
* Provide creative solutions that match client needs and budget
* Set and meet deadlines

Technical Skills Utilized:

* HTML
* CSS
* Javascript
* ReactJs
* Node
* Jquery
* Python
* Django
* Heroku
* Git
* PostgreSQL
* AWS
* Material UI
* Linux Deploy
* BASH
* CMS
* WordPress + various plugins
* Photoshop
* Website design using Figma, Adobe XD
* Wireframe Design
* Graphic Design

04/19-06/20 (Lost due to COVID-19)

**INFORMATION TECHNOLOGY SUPPORT TECHNICIAN, REDITECH**

Work on a small, tight-knit team to complete various IT projects including Networking, cable routing, installing network and CCTV devices, configuration of network and CCTV devices. Provide on-site support for local businesses and respond to client questions and offer guidance in a professional manner.

Skills utilized:

* General IT Support practices
* Website design and creation using CMS
* Network Troubleshooting
* Device Troubleshooting (Desktop, Notebook and phone)
* Desktop Computer Repair
* Installation of various types of devices including CCTV, Network, IoT, Security
* Installation of Network Racks
* Configuration of Routers, Managed Switches, Firewalls, and Access Points

# PROJECTS

[**SURVEY CRUD APPLICATION**](https://survhey-app.herokuapp.com/)

**MERN Stack (MongoDB, ExpressJs, ReactJs, NodeJs)**

This application is an online community where users can create and share surveys and questionnaires.

With the MERN stack, the data is stored on a Mongo Database which interfaces with Node/Express API using the mongoose package. The data may be interacted with using the font-facing React UI.

Hosted on Heroku.

**[PERSONAL PORTFOLIO/BLOG](https://www.nathanielpownell.com)**

**Python/Django, ReactJs**

My personal portfolio site/blog is a showcase of my talent. It was designed and styled by me to display personality and skill. The portfolio side displays all of my notable projects, while the blog allows access to my latest blog posts.

The frontend is hosted on AWS Amplify.

The backend API is hosted on Heroku.

**[RANDOM PERSON GENERATOR](https://main.d3r7x3m8bhtzcp.amplifyapp.com/)**

**Python/Django, ReactJs**

This project, like my personal portfolio, utilizes the Python/Django REST API framework and includes a front end to show data from the API.

The application creates a user profile consisting of random data, generated upon request.

The data includes: **First Name, Last Name,** randomly generated **Email Address, Job Role,** and an image from **ThisPersonDoesNotExist.Com** that matches the gender of the first name.

The frontend is hosted on AWS Amplify.

The Backend API is hosted on Heroku.

**Check out my** [**website**](https://www.nathanielpownell.com) **to see more projects!**