


# Bardan Phuyel

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## Education

### The Pennsylvania State University

Bachelor of Science: Computer Science Major

Expected Graduation: Spring 2025

Harrisburg, PA

- Honors: **Dean's List, Bunton-Waller Scholarship recipient**

## Relevant Experience

### SupplyTiger

Software Engineer Intern

May 2023 – Jul 2023

Elizabethtown, PA

- Led SupplyTiger's digital transformation by introducing AI and machine learning to improve efficiency. Used HTML5, Python, JavaScript, and CSS3 for full-stack development and integrated RESTful APIs for automated tasks like Amazon listing creation.
- Applied data-driven marketing techniques using Helium 10 and Amazon advertising, enhancing conversion rates and customer acquisition through API integrations with Amazon AWS and Walmart.
- Developed unique product offerings on Amazon, such as a custom candy mix and Garden Grace Seeds. Employed methods such as A/B testing, predictive analytics, and sentiment analysis to increase sales and brand visibility.
- Oversaw brand and product development for Garden Grace Seeds, involving tasks from logo design to market analysis and intellectual property management.. Using machine learning and NLP tools like AutoGPT for research and operational efficiency.

## Projects

### Clarify Task Management App

React Native | Firebase | Firestore

clarify.bardanp.com

- Developed a productivity-focused task management app, Clarify, using React Native for mobile platforms to help users organize tasks effectively.
- Integrated Firebase and Firestore for real-time data storage and synchronization, ensuring seamless user experience across devices.
- Implemented custom themes, notifications, and recurring tasks for enhanced usability and personalization.

### Portfolio Website

React.js | Framework | JavaScript

bardanp.com

- Designed and developed a personal portfolio website using React.js and a modern framework to showcase my projects, skills, and professional journey.
- Implemented clean navigation, dynamic filtering for projects, and optimized performance for responsive and seamless user experience.
- Deployed the portfolio using Vercel and ensured cross-browser compatibility and high accessibility standards.

### Nittany Navigator [Capstone Final Project]

React Native | Node.js | Microsoft Azure SSO | Firebase

nittany-navigator.bardanp.com

- Innovative Campus Navigation App: Developed Nittany Navigator using React Native to streamline campus navigation, event tracking, and safety features for Penn State Harrisburg.
- Leveraged React Native for app development, Firebase for real-time data management, Node.js for server logic, and Microsoft Azure SSO for secure authentication.
- Integrated an interactive campus map, campus resource locator, safety alerts, and a user-submitted event system.

### Movie Search App

React.js | JavaScript | HTML | CSS

movie-app.bardanp.com

- Interactive Movie Database Application: Developed an interactive web app that allows users to search for movies using an OMDB API key entry system and a custom search feature.
- Built using React.js, JavaScript, HTML, and CSS, integrating with the OMDB API for seamless data management.
- Implemented real-time movie and TV show search via the OMDB API, allowing users to input an API key directly through the UI.

## Honors & Awards

**Third Place in ChatGPT Programming Competition (April 2023):** Distinguished myself by securing third place in a pioneering AI-driven programming competition, which underscored my adept utilization of advanced AI tools such as ChatGPT in the resolution of intricate algorithmic challenges.

## Technical Skills

**Languages:** C++, Java, Python, JavaScript, SQL, HTML, CSS

**Frameworks & Tools:** Flask, Firebase, React, Vercel, GitHub, Azure

**Software & IDEs:** Microsoft Office, G Suite, Git, VS Code, IntelliJ, PyCharm, CLion