Bardan Phuyel

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Education

The Pennsylvania State University <div align="right">**Expected Graduation: Spring 2025**</div>
Bachelor of Science: Computer Science Major <div align="right">*Harrisburg, PA*</div>

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

Relevant Experience

SupplyTiger <div align="right">**May 2023 – Jul 2023**</div>
Software Engineer Intern <div align="right">*Elizabethtown, PA*</div>

- Led efforts to introduce AI and machine learning at SupplyTiger, improving operational efficiency. Developed full-stack solutions using HTML5, CSS3, Python, and JavaScript, and automated tasks like Amazon listing creation through RESTful API integrations.
- 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 and launched unique product offerings on Amazon, such as custom candy mixes and Garden Grace Seeds, increasing sales and brand visibility through A/B testing, predictive analytics, and sentiment analysis.
- Managed brand and product development for Garden Grace Seeds, handling tasks such as logo design, market research, and intellectual property protection. Using machine learning and NLP tools like AutoGPT to enhance research and improve workflows.

Projects

Clarify Task Management App <div align="right">*clarify.bardanp.com*</div>
React Native | Firebase | Firestore

- 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 <div align="right">*bardanp.com*</div>
React.js | Chakra UI | JavaScript

- Developed a responsive portfolio website using React.js and Chakra UI to effectively showcase my projects, skills, and professional experiences.
- Integrated smooth navigation, dynamic project cards, and performance optimizations to enhance user experience across devices.
- Deployed the site on Vercel, ensuring cross-browser compatibility and adherence to high accessibility standards.

Nittany Navigator [Capstone Final Project] <div align="right">*nittany-navigator.bardanp.com*</div>
React Native | Node.js | Microsoft Azure SSO | Firebase

- 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 <div align="right">*movie-app.bardanp.com*</div>
React.js | JavaScript | HTML | CSS

- 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 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