BISHWASH KHADKA

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EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE — May 2025
McNEESE STATE UNIVERSITY — **GPA 3.94**
- **COURSEWORK**: Software Engineering, DevOps, Adv. Data Structure and Algorithms, AI/ML, OOP, Cyber Defense, Web Development, Computer Organization & Architecture, Database Management, Structure Programming Language
- **ACHIEVEMENTS**: McHACKS 2.0 (**1st place**), **Outstanding Junior Award** in CS, ICPC (**3rd Place**), TruHacks 2024 (**3rd Place**)

TECHNICAL SKILLS

- **PROGRAMMING LANGUAGE**: Python, Java, C++, JavaScript, Prolog, Golang, GDScript
- **TOOLS**: Git, GitHub, Linux, VS Studio, Godot, Wamp Server, Jenkins, Canva
- **CERTIFICATIONS:** [TestOut Linux Pro](), [Foundations of Project Management](), [Python Course](), [Gaming Analytics](), CodePath

EXPERIENCE

IT INTERN
Lavner Education, Rice University — June 2023 - August 2023
- Quickly adapted to weekly curriculum changes, delivering hands-on instruction in Python, AI, game development, cybersecurity, and video production, while providing IT support in a high-pressure, fast-moving environment.
- Deployed and maintained 100+ devices, ensuring 99% uptime for camp operations, while troubleshooting hardware, software, and network connectivity to resolve 50+ real-time technical issues.
- Debugged and optimized student projects in Python, Java, and Scratch, mentoring 40+ students, while integrating robotics and AI learning modules into hands-on STEM lessons.

STUDENT LIFE COALITION CORDINATOR
Student Life Coalition, McNeese State University — Sep 2023 - May 2025
- Organized major events by leading around 30+ events as a part of SLC with communication skills and teamwork.
- Handled 4000+ students over all the events, increasing student involvement at the university utilizing effective planning.

LAUNCH LEAD AMBASSADOR
Fizz Social — Dec 2023 - Mar 2024
- Drove the university launch event for Fizz Social, increasing student adoption of the app by optimizing event execution.
- Increased daily active users by 2,000+ by leading a team of 46 ambassadors through user acquisition campaigns.

PROJECTS

McHACKS HACKATHON (**1st Place**)
- Developed "PokesTrail," a mobile platform connecting McNeese students with the local community for mentorship, resource-sharing, and event collaboration, winning 1st place among 50+ teams.
- Developed a Wellness Website in under 9 hours, leveraging Git and Google Links for seamless collaboration.

SOFTWARE DEVELOPER – Way of the Frog - 2D Metroidvania game
- Scripted 6+ NPC AI and boss mechanics for dynamic challenges, integrating custom pixel art assets into Aseprite.
- Leveraged Agile methodology to boost player satisfaction from 70% to 90% by integrating continuous user feedback (CI/CD), conducting 6 iterative playtesting cycles, and refining core gameplay mechanics based on actionable insights.

FULLSTACK DEVELOPER – McNeese BookHub
- Led a team of 4 to develop an online bookstore for McNeese students, improving accessibility and usability.
- Built a responsive frontend with HTML, CSS and React.js and secure backend APIs using WAMP Server to handle PHP.
- Designed and deployed a scalable SQL database, optimizing query performance by 30% for product, and order data.
- Utilized the Waterfall model to reduce defects by 30% through thorough requirements gathering, detailed design, and rigorous testing, ensuring 100% feature completeness at launch.

TRUHACKS 2024 (**3rd Place**)
- Secured 3rd place at hackathon by demonstrating NoHungerZone's innovative solution to tackling food insecurity.
- Designed core features, including food pantry search, donor listings, and matching using HTML, CSS, and PHP.

LEADERSHIP & ACTIVITIES

SENATOR — Student Government Association
- Advocated for 1,500+ students in college of SEM and co-authoring 6 funding proposals, securing $12,000+ in grants.

MEMBER — National Society of Black Engineers |CodePath
- Ranked Top 5 in McHacks 1.0 & 2.0 for AI and social impact projects; built national networks through 5+ conferences.