Anan Moktan

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OBJECTIVE

"As a recent computer science graduate, I am deeply passionate about programming and dedicated to excelling in the field. My journey has been marked by a wealth of experience gained through both academic and non-academic projects, all in preparation for launching my career at the entry level.

I am actively seeking a dynamic and challenging entry-level position that provides opportunities for continuous learning while enabling me to contribute to the success of the organization. I am enthusiastic about applying my computer science education to real-world projects, eager to engage with experienced professionals to expand my knowledge, and committed to honing my skills to make meaningful contributions to the team's objectives and the organization's success."

EDUCATION

- **University of Central Missouri**   Missouri, USA
  Master of Science in Computer Science   *(Expected completion: Dec 2023) GPA 3.66 (running)*
  Relevant Coursework: *Advanced Operating Systems, Database theory, and apps, Advance Algorithms, Artificial Intelligence, Advance database, Compiler Design, Advance application Programming in C# .Net, Description of Cryptographic Algorithms and Protocols, Advance web applications and Services development, Introduction to Cloud Computing(running).*

- **Tribhuvan University**   Nepal
  Master of Science in Physics   *GPA 3.47*
  Relevant Coursework: *classical mechanics, Quantum Mechanics, Mathematical Physics, Solid State Physics, Electrodynamics, Nuclear and particle physics, Solid Earth Geophysics, Computational Physics, Statistical Physics*

TECHNICAL SKILLS

- **Programming Languages::**   C#, JAVA,C
- **Web development::**   HTML, CSS, JavaScript, Typescript, jQuery, Ajax, PHP,Node.js
- **Web Frameworks::**   Material UI, BootStrap, React js, Angular,.Net,
- **Databases:**   MySQL, MongoDB
- **Tools:**   IDE (Eclipse, IntelliJ IDEA, Visual Studio Code, Sublime, Notepad++), VCS (Git)
- **Design Patterns:**   Singleton, MVC
- **SDLC:**   Waterfall, TDD, Agile / Scrum
- **Platforms:**   Linux,Windows
- **Soft Skills:**   Leadership, Event Management, Strong understanding of object-oriented programming principles, Time Management

ACADEMIC AND NON ACADEMIC PROJECTS

- **Portfolio website, 2023**: Developed a portfolio website using ReatJs and material UI.
  Github:https://fir-react-7e82c.web.app/

- **Casino Roll, 2023**: Developed a web-based game for a casino with different betting sections, SVG animations controlled by CSS and JavaScript, continuous music, and validation code for inputs.Github: https://ananmoktan.github.io/CasinoRoll/

- **Poker Game, 2023**: Developed a single-player adaptation of Poker with an intuitive interface and realistic card mechanics. Players can engage in thrilling rounds of Texas Hold'em poker, making strategic decisions based on their hand strength and the actions of their opponents. Github: https://ananmoktan.github.io/Poker/

- **Invitation card, 2022:** : Created a web-based invitation card using HTML, CSS color palettes, gifs, and traditional physical card design patterns. Github: https://ananmoktan.github.io/invitation/

- **Guitar shop, 2023:**: Developed a full-stack web application for a guitar shop using PHP-PDO (singleton design for database object), JavaScript, HTML, CSS, and MySQL. Implemented features such as a product database and inventory management.