KRISHNA P DULAL

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(571)-249-7479

Permanent Address:
Arlington, Virginia

Current Address:
Charlottesville, Virginia

Education

University of Virginia, Charlottesville, VA   **May 2022 - May 2024**
School of Engineering and Applied Science (BSCS)
- GPA: 3.30

Experience

DIDI Professional LLC, Arlington,VA   **May 2023 - August 2023**
Web Development Summer Internship
- Completed a 12-week internship at DIDI Professional, engaging in rotational assignments and projects to support corporate strategy, focusing on Agile SDLC, information technology, and web development.
- Created a functional blog application using Django, facilitating user creation, editing, and commenting on posts utilizing database and web design principles.
- Created a form-based application in Java, showcasing proficiency in CRUD operations.
- Attained Cloud Computing proficiency through independent study, completing essential AWS Cloud Practitioner training on edx.org as a prerequisite for internship requirements.

Projects

Wordle, Charlottesville,VA   **November 2023 - December 2023**
- Built a captivating Wordle game using Java Swing, crafting an intuitive graphical user interface for an engaging player experience.
- Implemented core game mechanics, including word selection, user guesses, and dynamic feedback, ensuring an interactive and challenging gameplay.
- Ensured responsiveness of the GUI across various screen sizes, delivering a consistent and visually appealing interface for diverse user experiences.

Game Library Management System, Charlottesville, VA   **May 2023 - July 2023**
- Designed and implemented a dynamic Game Library Management System leveraging Flask and SQL, providing users with a seamless platform to organize, wishlist, and purchase games.
- Integrated a secure user authentication system, allowing users to log in, personalize their experience, and access features like wish listing and checkout.
- Implemented a user-friendly wishlist feature, enabling users to curate and manage preferred games, enhancing the personalized and interactive aspect of the platform.
- Developed a robust checkout mechanism for users to efficiently finalize game purchases, ensuring a smooth and secure transaction process.

Dynamic Advisor Scheduler, Charlottesville,VA   **February 2023 - May 2023**
- Designed and implemented an optimized Advisor Scheduler system for student-advisor allocation.
- Leveraged Django Framework for User-Friendly Platform: Utilized Django's features to develop a user-friendly platform for advisors and students.
- Enhanced Security with Google Login: Seamlessly integrated Google login authentication, improving scheduling security and convenience.

Relevant Coursework

- Advanced Software Engineering, Database Management System, Data Structures and Algorithms, Computer Systems and Organizations, Discrete Mathematics, Calculus, Software Testing, Artificial Intelligence

Skills

- Technical Skills: Java, Python, HTML, CSS, JavaScript, SQL, MATLAB, Django, Flask, Cloud Computing, GitHub.
- Soft Skills: Leadership, Detail-oriented, Communication, Teamwork, Adaptability, Problem-Solving, Critical thinking, Time management, Customer service, motivated.