PRASHANT RANA MAGAR

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Suryabinayak-8, Bhaktapur

Motivated Backend developer with strong software development principles. Proficient in Python programming, Django web/API development, and database management. Skilled problem solver committed to continuous learning. Strong dedication to delivering high-quality results.

Work Experiences

Dpaisa - **Minbhawan, Kathmandu**   Jun 2023 - Present
Backend Developer
- Developed essential transactional features (Recharge, Data Pack, Remittance) for the mobile wallet platform.
- Collaborated closely with frontend counterparts, ensuring smooth integration and a unified user experience.
- Designed and managed efficient database models to support seamless backend operations.
- Implemented Docker and Jenkins for seamless CI/CD processes, enhancing deployment efficiency.

QuickRPA - **Kathmandu, Nepal**   Nov 2022 - Mar 2023
Intern Software Engineer
- Developed automation solutions using the RPA framework , including web scraping, database updates, and automation of desktop applications.
- Collaborated within a 4 team members to build new features and functionalities for the bots such as sending mails, checking for new data constantly and posting the new data to database.
- Utilized REST API development to create APIs that integrated the bots with other applications, enhancing their capabilities and interaction using DjangoRestFramework (DRF).
- Expertise in version control using Git, effectively managing code changes and facilitating collaborative development.

Education Level

Kathmandu College of Technology - **Bhaktapur,Nepal**   Mar 2018 - Sep 2023 (Expected)
Bachelor Degree in Computer Science and Information Technology(Bsc.CSIT)
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Computer Architecture; Calculus III; Statistics etc.

Projects

NewsFeed Bot   Mar 2023 - Present
- Developed and implemented a news scraping bot , utilizing the RPA Framework (Selenium) to extract news articles from 25 different Nepali news sites on a daily basis.
- Designed and implemented a robust data pipeline that updated the scraped news data to an SQLite database, ensuring efficient storage and retrieval of news articles.
- Integrated the news bot with Django Rest Framework, creating API endpoints that provided access to the scraped news articles, enabling easy consumption by other applications.

Ecommerce Site   Sep 2021 - Feb 2022
- Developed a user-friendly CMS for easy content and inventory management.Created a secure payment gateway integration (e-sewa).
- Additional Features: Cart, Checkout, Store, Product Category, Search Product, Review, Authentication using email verification, Forgot password etc.

News Site   Dec 2020 - Mar 2021
- Built a news website using Django framework.
- Features: User Friendly, Dashboard, Authentication, CMS, Review, Staff Management (permissions), Category, news management (CRUD) etc.

Skills, Achivements, and Other Experiences

- **Technical Skills**: Python, C, C++, SQL, JavaScript, HTML/CSS, Git, Django, Django Rest Framework (DRF), Robotics Process Automation (RPA), Selenium, Cellery, API, Pandas, Docker etc.
- **Languages**: Nepali, Hindi, English
- **Certification**: AWS Academy Cloud Foundations, AWS A+ Certification (18th July 2022)