PAWAN KUMAR SHRESTHA

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github.com/thisispawann

thisispawann.github.io/portfolio

Passionate Software Developer who has an extensive background in various coding platforms, developing web applications, and building websites from the scratch. Seeking to contribute to the development of innovated and efficient software solutions.

EDUCATION

THE BRITISH COLLEGE

Bachelor of Science in Computing

Sep 2022 | Thapathali, Kathmandu

INTERNATIONAL SCHOOL OF MANAGEMENT AND TECHNOLOGY

Bsc.IT in Computing

Jan 2018 - May 2021 | Tinkune, Kathmandu

SKILLS

PROGRAMMING LANGUAGES

HTML, CSS, JavaScript (ES5/ES6), Java, Python, Data Structures and Algorithm, Design Pattern

FRAMEWORKS / LIBRARIES

ReactJS, Redux, React Native, Django, JSP, Spring, Spring Boot, Microservices, NumPy, Pandas, Matplotlib, Seaborn, Plotly.

DATABASE

MySQL, PostgreSQL, NoSQL

Web Services

RESTful APIs, JSON, OOP, AWS

SOFTWARE DEVELOPMENT TOOLS

Git Bash, GitHub, GitLab, VS Code, Postman, Jupyter Lab/Notebook, Maven, Gradle, Adobe XD, IntelliJ, Eclipse, Git, GitHub, CI/CD, Docker

OTHERS

Statistical and Mathematical skills, Time Management, MS Office, Communication and Collaboration skills

CERTIFICATES/TRAINING

- Data Science Math Skills Link
- EDA and Data Visualization in Data Science Link
- Introduction to Data Science Link
- HIPPA Course Link
- Machine Learning in Python Link

AREAS OF INTERESTED

- Designing, UI/UX
- Web and Mobile Development
- Data Science, ML/AI

PROJECTS

Agri App Link

- An Agri app is built on JavaScript Framework, React Native that helps farmers in managing their crops and improving their production
- The app provides features such as farmer, farm details, crop monitoring, soil and seed treatment, weather forecasting etc.
- Farmers could use this app to keep track of their crop's growth and spot possible problems early on
- This app also provides an information on ideal farming procedures including plantation, fertilization, weeding, watering and harvesting
- Additionally, the app also offers push notifications and alarms that provide farmers up-to-the-minute information on their crops and weather condition

Heart Disease Prediction System Link
- Gathered and analyzed information relating to the system
- Created and presented findings during a presentation
- Design and Develop microsites and landing pages using Frontend tools and Django
- Effectively executed of having heart disease probabilities with Logistic Regression, a Machine Learning algorithm

PROFESSIONAL EXPERIENCE

React Native Intern [Jan 2023 – April 2023]

Mantra IT | Jwagal, Lalitpur

- Enhanced existing project with user forms, navigation, third-party libraries
- Created polished UIs across mobile platforms, ensuring seamless user experience
- Collaborated with clients for satiating website development and communicated with backend developers to implement Restful APIs
- Assisted senior developers in building weather app using OpenWeatherMap API, Utilized GitLab for version control and collaborated with the team to merge and resolve conflicts and prioritized automated testing for code reliability

Software Engineer Trainee [Aug 2023 – Mar 2024]

Cedar Gate Technologies | Sanepa, Lalitpur

- Collaborated on client-based features, utilizing Python/Java/Groovy/Grails to implement enhancement and resolve issues
- Developed industry-standard code following well-known design patterns and best practices
- Analyzed and modified existing Java systems to meet evolving requirements, debugging and fixing defects to enhance reliability
- Produced technical documents for developed software features