Neelkalpa Majumder

AI Engineer | Full Stack Developer

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PROFESSIONAL SUMMARY --

Seasoned Full Stack App & Web Developer with 5+ years of progressive experience in freelancing and delivering innovative software solutions. Dedicated to crafting responsive and user-centric applications. Proven ability to lead and collaborate to deliver robust and elegant digital products.

AREA OF EXPERTISE --

- Python
- React.js & Next.js
- PyTorch

- Java
- Express.js
- Tensorflow

- C & C++
- Node.js
- MongoDB

- HTML & CSS & JS
- PHP & Laravel
- Git & GitHub

PROFESSIONAL EXPERIENCE --

Web Development Intern (Front-End) | August 2023 – October 2023 **Prodigy InfoTech**

Completed four front-end development projects, gaining hands-on experience in web technologies and enhancing skills within a professional team environment.

- Designed and developed four dynamic web projects using HTML, CSS, and JavaScript, showcasing creativity and technical proficiency.
- Demonstrated strong problem-solving abilities by overcoming coding challenges and ensuring project functionality.
- Attained comprehensive insights into web development workflows and industry best practices through hands-on experience.

Web Development Intern (Front-End) | July 2023 – September 2023
1StopAI & WorInWell

Executed three back-end web development projects, acquiring expertise in PHP, MySQL, Laravel, and Postman API while contributing within a professional team setting.

- Successfully delivered three dynamic back-end web projects, utilizing PHP, MySQL, and Laravel frameworks to create robust and functional solutions.
- Acquired in-depth knowledge of database management and optimization techniques, enhancing overall project performance.
- Utilized Postman API for testing and debugging, ensuring seamless integration and smooth functionality.

Artificial Intelligence Intern| December 2022 – February 2023
Coincent & Microsoft
Engaged in a dynamic Artificial Intelligence internship, focusing on Python programming and Microsoft Azure, while participating in innovative projects that showcased practical applications of AI technologies.
- Developed Python proficiency for AI implementation and gained hands-on experience with Microsoft Azure's AI tools and services.
- Actively contributed to two impactful AI projects, effectively translating theoretical concepts into practical solutions.
- Demonstrated adaptability by swiftly learning new AI tools and technologies, enhancing problem-solving skills, and deepening understanding of AI model lifecycles.

PROJECTS --

Velotic: A cutting-edge Windows optimization tool enhancing system performance, minimizing lags, and halving disk usage without data deletion. Proven success with over 100 satisfied users.

Cryptify: Created Cryptify, an advanced security application utilizing facial recognition, steganography, mouse pointer encryption and various Industry grade encryption methods to protect data securely.

Synthify: Built Synthify, an integrated solution for on-device Generative AI applications encompassing GPT, Image Generation, Upscaling, Paraphrasing, eliminating the need for third-party APIs or external dependencies.

InnovPerch: Engineered a desktop application, InnovPerch, showcasing adept Database and App Development skills. Enabled streamlined downloads of optimized OS versions from an extensive database.

OSAlchemy: Designed OSAlchemy, revolutionizing OS installation by eliminating the need for bootable media. Demonstrated innovative software development expertise.

EDUCATION --

Bachelor of Technology, Computer Science and Engineering | 2022 - 2026
RCC Institute of Information Technology