Priyanshu Lohar

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Objective

Enthusiastic and Versatile Engineer skilled in AI, IoT, Full Stack development, Computer Vision, and Blockchain. Passionate about merging technology and creativity to craft innovative solutions. Dedicated to lifelong learning, seeking opportunities to contribute to multidisciplinary projects and drive impactful change.

Education

B.Tech in Electronics & Communication Engineering
Swami Keshvanand Institute of Technology Management and Gramothan, Jaipur
2019 – Present
Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms, Computer Networks, Software Engineering, Database Management Systems, Microprocessors and Microcontrollers, Digital Signal Processing, Operating Systems

Technical Skills

Full Stack Development: HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, NodeJS, ReactJS, PostgreSQL, NoSQL, Docker, Express.js, Typescript, GraphQL, NGiNX, Redis, CDN, AWS, Azure.

Languages: Python, C++.

Object Oriented Programming, Data Structures & Algorithm.

Database Management System: MySQL, MongoDB.

Version control: Git.

IOT: Bolt Cloud, Cloud Computing, Virtual Private Server, Linux OS, Bolt Python Library.

AI and Machine Learning: NLP, Generative AI, Neural Networks, Deep Learning.

Blockchain: Cryptography, Solidity, Ethereum.

Work Experience

CodePlanet Technologies - Artificial Intelligence Intern
June 2022 – August 2022
- Worked with AI and Machine Learning technologies to enhance automation and productivity.

Bolt IOT - IOT & ML Intern
June 2022 – August 2022
- Gained practical experience in IoT, Cloud Computing, and Machine Learning.

Internship Studio - Artificial Intelligence Intern
January 2022 – February 2022
- Developed a German to English Language translator using AI and NLP technology.

OleRooms - Technical Officer
June 2019 – July 2019
- Managed startup operations, including digital marketing, team management, and technology.

Projects

Flex-Movie
- Developed a movie recommendation web app using Node.js, HTML, CSS, and JavaScript.

German-English Language Translator
- Created a translation model using NLP and deep learning to translate German to English sentences.

Gold Price Prediction
- Implemented a machine learning model to predict gold prices using pandas, numpy, and linear regression.

Satellite Imagery Analysis
- Analyzed satellite images of the Sundarbans delta using numpy, matplotlib, and rasterio.

Book Recommendation System
- Utilized machine learning techniques to predict buyer's interests and recommend books.

Blockchain Based P2P Energy Trading Platform
- Developed a capstone project that combined Digital Electronics, Smart Contracts, Blockchain, IoT, and Raspberry Pi.

Skills

Python, NodeJS

Virtualisation (VMWare vCloud)

GIT

SQL dB

Docker

Abilities and Skills

Startups: Played a key role in multiple startup environments, driving innovation and growth through adaptable problem-solving.

Web Development Agency: Led project teams in designing and implementing interactive and user-centered web applications.

IEEE Member: Actively participated in IEEE activities, enhancing my technical leadership and collaboration skills.

Research Publication: Published a research paper on the Evaluation of Non-Fungible Tokens (NFTs), showcasing my in-depth knowledge of blockchain technology.

Project Management: Effectively managed diverse projects from concept to completion, balancing timelines and priorities.

Communication: Adept at conveying complex technical concepts to both technical and non-technical audiences.

Problem-Solving: Employed creative thinking to overcome challenges, implementing innovative solutions.

Team Collaboration: Collaborated with global teams to synthesize information and present findings effectively.

Interests

Tech Enthusiast

Data Sorcerer

Fantasy Lover

AI Enthusiast

Literature Aficionado

Potterhead