Prabesh Tandukar

Full Stack Software Developer

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Professional Summary

Results-driven Software Engineer with experience in full-stack development, specializing in web application development using modern JavaScript frameworks and PHP. Strong background in agile methodologies and cross-functional team collaboration.

Technical Skills

Programming Languages: Python, JavaScript (ES6+), PHP, C++, C, SQL
Frontend: React.js, HTML5, CSS3, JavaScript, Redux, RESTful APIs
Backend: Node.js, Laravel, PHP, Express.js
Databases: MySQL, MongoDB, PostgreSQL
Blockchain: Ethereum, Solidity, Web3.js, Hardhat, Smart Contracts
DevOps & Tools: Git, Linux, Docker, AWS, CI/CD, Agile/Scrum
Testing: Unit Testing, Integration Testing, TDD

Professional Experience

Software Developer   March 2022 - November 2023
Djink Works Pvt Ltd, Nepal

- Development of multiple full-stack web applications using Laravel, Node.js and React.js.

- Designed and implemented RESTful APIs serving daily requests

- Optimized database queries and implemented caching strategies.

- Collaborated with UX designers to implement responsive design patterns across projects

Backend Development Intern   December 2021 - February 2022
iData Solution Pvt Ltd, Nepal

- Developed and maintained RESTful APIs using PHP and MySQL, handling 1000+ daily requests

- Implemented secure authentication and authorization systems using JWT tokens

- Reduced API response time by 25% through query optimization and caching implementation

- Contributed to the development of microservices architecture using Docker containers

Key Projects

Decentralized Crowdfunding Platform — React.js, Ethereum, Solidity, Web3.js — GitHub Link

- Architected and developed a blockchain-based crowdfunding platform with smart contract integration

- Implemented secure transaction handling and wallet integration using ethers.js

- Built responsive UI components with React.js

  Property Rental Management System — Laravel, MySQL, JavaScript — Github Link

- Developed a full-stack rental property platform

- Implemented search functionality with multiple filtering options

- Integrated Google Maps API for property location visualization

Education

Master of Software Engineering   2023 - 2024
Yoobee College, New Zealand

- Specialized in Software Architecture and Cloud Computing

- Research focus on Blockchain Technologies

  BSc (Hons) Computing   2019 - 2022
Islington College, Nepal (Affiliated with London Metropolitan University, UK)

- Core focus: Software Development, Database Management, Web Technologies

- Final year project: Rental finding web application