Suman Tandan

Software Engineer

🔗 Portfolio   💼 LinkedIn

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PROFILE

I am 25 years old and worked as a software engineer, I bring a passion for technology and a commitment to innovation. Currently contributing my skills at Uranus Tech Nepal Pvt. Ltd., specializing as a .Net Developer. Eager to explore new opportunities and collaborate with like-minded professionals. Let's connect and explore the possibilities together!

EDUCATION

Vellore Institute of Technology ⧉   2019 – 2023
B Tech in Computer Science and Engineering(CSE)   Vellore, India
~CGPA-7.8/10
~COMPEX Scholarship

Kalika College ⧉   2016 – 2018
Higher Secondary (+2 Computer Engineering)   Butwal, Nepal
~GPA-3.34/4
~Physics, Chemistry, Math, Java, Web Dev

Kalika HIgher Secondary School   2016 – 2017
Secondary level(10th)   Butwal, Nepal
GPA- 3.56/4

EXPERIENCES

Software Developer   11/2023 – present
.Net Developer at Uranus Tech Nepal PVT. LTD.   Kathmandu, Nepal
A prominent software development company specializing in core banking software.

Microsoft Azure   01/2022
Virtual Internship   Online Platform
Microsoft Azure Virtual Internship: Hands-on cloud computing, e-healthcare projects, expert guidance, certificate, career advancement.

On The Job Training   2016 – 2017
Job Training   Kathmandu, Nepal
The one-year On-The-Job Training (OJT) program in Nepal enhanced my knowledge and skills in hardware and software technologies.

SKILLS

Programming Language :-
- c#
- c++
- Java
- Python

Web Development :-
- HTML
- CSS
- MUD
- BLAZOR

Tools :-
- Github & Git
- Azure
- Metamask & Ganache Server
- Canva
- WordPress

PROJECTS

Ura Care
- Led the development of health care, using C#, .NET Core, and Blazor to offer essential care services to elderly people.
- Managed a team of registered caregivers to provide personalized support to seniors in their homes.provides necessary care to the disabled or old age people
- Implemented user-friendly technology to improve communication and coordination between caregivers, healthcare providers, and elderly clients, enhancing their overall quality of life.
- More on it working on project modules for the Payrate Setup, Email Sending to Client of their health report, and receipt of charges to pay a staff using an SMTP server.

Micro Finance Microservice
- Technologies: Dot Net Core, C#,Blazor Databases: MSSQL Tools: Swagger, Visual Studio, Gitea
- Contribution to comprehensive microservice to support microfinance operations for a class C bank
- including functionalities for loan processing, customer management, financial transactions loan view, and many more

Human Resources Management (HRM)
- Working on the Auth part to enforce domain URL restrictions.
- Company employment setups to get a newly registered employee with all the required details.
- Menu setup and Menu Role, specifying how much access is provided to the user, such as admin access or other department employees into the menu.
- Working on security features like user password validation, password hashing, and password expiry checks.
- Developing components in payroll setups, including basic salary scales, tax setup, overtime salary calculations, additional payments, and report generation.
- More on it developed into the manual attendance module and employee transfer system module.

E-Medicine Website ⬈
- Developed an e-commerce medicine website API using C#, .Net core as a backend, and database MS SQL with multiple features.
- working in React for frontend development with beautiful user interface design.
- Users can able to add a medicine product to their cart and similarly admin able to perform necessary operation product to delivery and generate a receipt.

E-Health Care System ⬈
- An academic study that served as a prototype for a health check-up and appointment tool for patients and hospitals
- constructed with a front end utilizing simple HTML, CSS, and JavaScript, and a back end connection to MySQL via PHP
- Deployment in Microsoft azure.

Fake Production Identification Using Blockchain ⬈
- Unique QR Codes are generated and recorded on the Ethereum blockchain using Solidity smart contracts.
- Stakeholders utilize Metamask to view product details and trace production history.
- Ganache Server serves as a local testing environment to ensure smart contract functionality before deployment.

PUBLICATIONS

A Fake Product Identification and Prevention System Using Blockchain Technology 2023
Dr.Kakelli Anil Kumar | Suman Tandan | Atul Koirala
Manuscript is Peer Processing

ACHIEVEMENTS AND ORGANIZATIONS

COMPEX SCHOLARSHIP 12/2019
Recipient of the COMPEX Scholarship awarded by the Indian Embassy, securing admission to pursue B. Tech in Computer Science and Engineering at VIT, Vellore. The scholarship, valued at 40 lakh rupees, serves as significant financial support for academic endeavors.

5 Pillar NGO ⬈ 02/2020
A Platform for students working towards 'Social, Civil and Political' issues, understanding the system.

CERTIFICATES

FUTURE READY TALENT INTERN ⬈
Microsoft Azure
- Deployed a project in the cloud platform.
- Internship

Python from zero to hero ⬈
Udemy
- Taken for the Skills Development.
- Knowledge about the basic of python syntax

Software Security ⬈
Coursera
- Research Internship
- Learned about software loopholes and vulnerabilities.

Python Data Structures
Coursera

COURSES

Blockchain || DSA ||Cloud Computing || Java || C# || OS || Cloud Computing || SE || Cyber Security ||DBMS || IWP