

SAGAR SINGH SAUD

Summary

- Software Engineer with technical expertise in software development and delivering solutions for projects of different nature.
- Experience in development, coding, designing, testing, support, and dealing with clients.
- Experience with web development using various programming languages such as Java, Python, PHP, JavaScript, and frameworks like SpringBoot, ASP .NET MVC, and Angular.
- Team player with good communication skills, professional attitude, and good decision-making skills.
- Familiar with project development life cycle and software development methodologies.

Skills

Tools and Applications: VS-Code, IntelliJ IDEA, MS Office, Git, BitBucket, Maven, Rabbit-MQ, Jenkins, Oracle SQL Developer, Eureka Microservice Architecture.

Languages and Frameworks: Java, PHP, Python, JavaScript, Angular, TypeScript, ASP .NET MVC, C, C++, HTML, CSS.

Databases: MySQL, MSSQL, PostgreSQL.

Work Experience

Software Engineer LIS Nepal Pvt. Ltd. (Yomari Inc. Pvt. Ltd.)	December 2017 - Present
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- Knowledge of Office Of Company Registrar (OCR) and development of different modules such as payment module, post-registration of company.
- Involved in the development of an Online TOP-UP system for Nepal Telecom.
- Developed Nepal Crime Observatory Centre for Nepal Police. Had direct input in developing submodules such as Crime Reporting System, Daily Incident Reporting System, and Personnel Management System.
- Knowledge of NEPSE and familiarity with stock exchange domains like Trade Management System, Surveillance, Risk Management System, Messaging queue, etc.
- Involved in the development of web-based applications for various stakeholders improving the efficiency and productivity of the existing process.
- Sound knowledge of Java, Angular, ASP .NET MVC, JavaScript, ES6 standards, MySQL, PostgreSQL, Oracle Database.

- Project deployment and automation targeted to different environments like QA, Stage, Production.
- Provide training and demonstrations to clients about the applications.
- Generate innovative solutions by collaborating with team members on problems faced in the projects' development and operations.

Client: Office Of Company Registrar	December 2017 – November 2020
Project: Automation Solution for OCR	

Office of Company Registrar is the body of the Nepal Government concerned with providing registration of companies. The primary objective of the project of the Office of Company Registrar is to keep records of all registration and post-registration of the company.

Technologies: Java 6, Java Server Faces, MySQL, Wildfly, Hibernate.

Role: Software Developer

- Coordinate with various stakeholders to understand the problems, functional and technical requirements of the existing system.
- Daily bug fixing.
- Analyze the problems, incorporate the requirements, and deliver solutions in order to provide fast and efficient solutions.
- Develop and deploy solutions to meet the requirements of the clients.
- Collaborate with the team to generate efficient methods of project development.

Client: Nepal Telecom	December 2018 – Current
Project: Online Phone Top-up System	May 2018 – June 2018

Nepal Telecom is a government telecommunication service which is responsible for telephone communication services in Nepal. The project was developed with the aim to integrate Visa card to top-up the User's phone.

Technologies: Java 8, Angular 4, TypeScript, PostgreSQL, Wildfly, Nginx, Hibernate.

Role: Software Developer

- Developed various modules of the application as per the requirements.
- Resolved issues, fixed bugs, and designed and developed interfaces.
- Provide training and demonstrations to the clients regarding the use and features of the application.

Client: Nepal Police	February 2020 –Current
Project: Nepal Crime Observatory Centre	

Nepal Police is the unit of Nepal Government responsible for maintaining order and enforcing the law. The project Nepal Crime Observatory Centre is developed to fulfill the requirement of a Criminal Record System that automates the FIR registration and Incident Registration process keeps records of criminals and provides analytic solutions for better decision making and effective operations.

Technologies: ASP .NET MVC, Razor, JavaScript, jquery, Oracle 12c Database, Windows Server.

Role: Software Developer

- Developed Crime Reporting System(CRS) that enabled First Information Report digitization, centralized FIR data, character verification, crime analysis, analyze police unit performance.
- Involved in the development of the Direct Incident Reporting System(DIRS) and integrating the Personnel Information Management System(PIMS).
- Migration of existing FIR related data and additional data from the existing system to the Oracle 12c database.
- Reporting system to generate reports as per the needs of multiple stakeholders.
- Continuous support for incorporating new requirements and fixing bugs and issues.
- Provided training and knowledge transfer to the personnel.

Client: NEPSE Project: NOTS and NEPSE Website	Jan 2019 – Present
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Nepal Stock Exchange (NEPSE) is the only stock exchange of Nepal. NEPSE is involved in facilitating transactions in its trading floor through members, market intermediaries, such as brokers, market makers.

The NOTS project involves an online stock market investment and trading platform for the government, the general public, and corporate securities. This application executes orders in real-time with nanoseconds precision (equities, bonds, mutual funds, etc), manage user portfolios, stream live market data, secure and hassle-free online bank payments, bulk report generation, complicated graphs showing highly accurate real-time data, and pretty much everything that any stock exchange is supposed to do online.

The NESPE Website project upgrades the existing website by providing real-time information about NEPSE Index, live market depth, trade details, equity, and broker information in sync with the NOTS system.

Technologies: Java 8, Angular 7, TypeScript, MSSQL, Wildfly, Nginx, Hibernate, Rabbit MQ.

Role: Software Developer

- Developed various features for different sub-modules like Surveillance, Risk Management System.
- Involved in the development of the architecture for providing real-time data synchronization between NOTS system and NEPSE website.
- Providing continuous support and monitoring to iron out the issues.

Intern Braindigit IT Solution	June 2017 - August 2017
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Role: Software Intern

- production support of the contender (**CMS on Asp.Net Core**).
- Complete assignments as directed in the most efficient way possible with limited supervision
- Solving complex/minor code issues, fixing database discrepancies
- Written Stored Procedures, Triggers, and Cursors using SQL Server.
- Used ADO extensively to access the MS SQL database

Education

Bachelor of Computer Application Christ University, Bangalore, India.	2014-2017
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