ER. ASHESH SHRESTHA

Senior Software Developer

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SUMMARY

Results-driven and detail-oriented .NET Software Developer with 4 years of experience in designing, implementing, and maintaining scalable and efficient software solutions. Proficient in the entire software development lifecycle, from concept and design to testing and deployment. Adept at collaborating with cross-functional teams to drive project success.Seeking a challenging position where my technical expertise, passion for innovation, and commitment to quality can contribute to the success of a dynamic development team.

KEY QUALIFICATIONS

- **Programming Languages:** C#, Python, JavaScript (ES-6), C
- **Web Technologies:** ASP.NET, ASP.NET Core, Django, DRF
- **Database Management:** MS-SQL, MySQL, Elasticsearch etc.
- **Front-End Technologies:** HTML5, CSS3, jQuery
- **Version Control & CI/CD:** GitHub, TFS, Azure DevOps,Teamcity & Octopus
- **IoT:** Arduino, Rasberry Pi, NodeMCU, ESP32 etc

WORK EXPERIENCE

SENIOR SOFTWARE DEVELOPER, TEAM LEAD   **Feb 2023 - Current**

Technables IT Solution Pvt. Ltd, Koteshwor, Kathmandu, Nepal

- Led cross-functional team in developing a cutting-edge Salon Appointment Booking System for beauty and wellness industry clients.
- Directed design, development, and implementation of MetLife Insurance Claim System, ensuring compliance and meeting insurance domain needs.
- Leveraged software architecture expertise to architect scalable solutions, integrating robust CI/CD pipelines to enhance system performance, reduce time-to-market, and ensure seamless development workflows.
- Led agile development processes, ensuring efficient project timelines and fostering a high-performing team
- Projects: **Apponvi**, **Eyeplex**, **Metlife Claims**, **Q's Cinema**,

MID SOFTWARE DEVELOPER   **Jan 2021 - Feb 2023**

Technables IT Solution Pvt. Ltd, Koteshwor, Kathmandu, Nepal

- Contributed to a .NET-based CMS by creating diverse view components, notably including CAPTCHA solutions (v2 and v3), enhancing its functionality and security measures.
- Led the development of a theater management system. Integrated a 'Show Schedule Prediction Module' and enabled dynamic, real-time updates using SignalR for enhanced efficiency. Utilized the fullcalendar JavaScript library to represent the show schedule.
- Collaborated with real-world inventory managers, identifying their challenges and crafting tailored software solutions to address their specific needs and optimize inventory management processes.
- Designed and developed RESTful API endpoints for parking management software. Also, created data formats for efficient communication and interaction between system components.
- Projects: **Cineroyale**, **Landmark Hotels**, **TA-Parking**, **TA-Inventory**

JUNIOR SOFTWARE DEVELOPER, AI/ML   **Dec 2019 - Jan 2021**
Braindigit IT Solution Pvt. Ltd, Gyaneshowr, Kathmandu, Nepal

- Worked alongside the AI/ML team to create an item-based collaborative filtering module designed to suggest web components based on provided attributes.
- Implement a microservice architecture using Elasticsearch to bolster data search capabilities, while employing Gensium within a dedicated service to generate image descriptions, leveraging extracted image features for comprehensive analysis.
- Led the development of a robust web component dataset using Selenium and Beautiful Soup(Bs4), crucial for training machine learning models in our data pipeline initiatives.
- Contributed to SageFlick's development by learning, creating, and maintaining diverse modules within the theater management system, ensuring their functionality and usability.
- Projects: **SageFlick**, **SageFrame**, **Contentder**

ROBOTICS AND IoT INSTRUCTOR   **Feb 2018 - Aug 2018**
Bridgewater International College, Sinamangal, Kathmandu, Nepal

- Developed and delivered a comprehensive curriculum for IoT (Internet of Things) and Robotics courses, catering to the diverse learning styles and abilities of high school students.
- Led and supervised student teams in designing, building, and programming robotic systems, encouraging creativity and problem-solving skills.
- Projects: **Robotics Training**

EDUCATION

Bachelor of Computer Engineering   **Sep 2016 - Mar 2021**
NCIT, Pokhara University, Pokhara, Nepal

High School, Science   **Jun 2014 - Apr 2016**
CCRC, Capital Higher Secondary School, Kathmandu, Nepal

Secondary School(SLC)   **Jun 2004 - Jun 2014**
Shree Greenland H.S.E.B. School, Siraha, Nepal

CERTIFICATIONS

Advanced Databases and SQL Querying   **Nov 2020**
Udemy

Advanced .NET Core   **Aug 2020**
NCIT, Lalitpur, Nepal

Python & Django   **Nov 2019**
Broadway Infosys, Kathmandu, Nepal

LEADERSHIP & VOLUNTEERING

Lead Organizer, Annual Day 2020   **Nov 2019**
Greenland Alumni Association Nepal, Siraha, Nepal

Manual Akhada (Robo War) Volunteer , Yantra 7.0   **Oct 2018**
Robotic Association Nepal, Kathmandu, Nepal

LANGUAGE PROFICIENCY

English • Hindi • Nepali(Native)