NEHA NARANG

nehanarang83@gmail.com | +91-09205388157 | +91-09013485612
GitHub Link | LinkedIn Profile | Instagram Profile

Career snapshot

A versatile Information Technology professional with 7+ years in development of web and window-based projects using .Net Framework, RPA (UiPath), C# and Python. Recently I worked as an Intern in **Artificial Intelligence & Machine Learning techniques.** Work profile spans working solely as well as in teams, supervising and guiding the team, and participating in knowledge transfer sessions.

Technical skills

- **Software Development Skills** – UiPath tool for Robotic Process Automation, RPA Orchestrator, ASP.Net, C#, Web API, Git
- **Database Skills** - SQL
- **Machine Learning Skills** – Python, Flask, PyCharm, Scikit-Learn, NumPy, SciPy, Pandas, Matplotlib, Seaborn, keras, Statsmodels, Regression, Classification, Feature Engineering, Clustering, Jupyter Notebook, Power BI and Tableau

Employment history

- ➢ **Intern in BFS domain, iNeuron, Bengaluru (Jan 2021 – Jun 2021)**
  - *Loan Risk Assessment* project predicts whether a loan is good or bad. It is built to predict an individual record as well as bulk of records
    - o Enterprise data analysis and statistical analysis
    - o Model building using Random Forest Machine Learning Algorithm
    - o Flask API development using PyCharm

- ➢ **Senior Software Engineer in O&G domain, Sapient/Ameri100, Gurugram (Dec 2017– Sep 2018)**
  - *Truck Ticketing Bot* reconciles invoices and validate prices for different counterparties
    - o Bot creation using UiPath
    - o Data extraction from invoices using UiPath and Python
    - o Task Scheduler and Orchestrator deployment in staging and production environment
    - o Testing, maintenance and documentation of the project
  - *GRAM Publish Report Bot* extracts data from an application named GRAM, processes extracted values and sends daily emails in a specified format to clients in different locations
    - o Client interaction for requirement gathering
    - o Document process automation design, technical document creation, and Bot development, and integration
    - o Test cases design and unit and integration testing
    - o On-going operational support including upgrades, defect fixes
    - o Scrum meetings participation
  - *Data research project* involves web scrapping from news portals, creating a json file for each article, saving content in PDF and feeding PDFs to NLP pipeline for semantic analysis
    - o Solely worked on web scrapping from few news sites using UiPath (RPA) and Python
    - o Scheduled Bot on Task Scheduler and Orchestrator
    - o Collected metadata from websites and created json file

- ➢ **Senior Software Engineer in Travel domain, Make My Trip Pvt. Ltd./FutureSoft Technologies, Gurugram (Dec 2016 – Jun 2017)**
  - *Middleware projects*
    - o Developed Windows services and a few stored procedures for sending emails, SMS notifications and reminders to customers on booking tickets using .net framework, C#
    - o Developed a web API for sending emails and SMS to customers on flight cancellation and date change request
    - o Created test cases and participated in system testing on staging environment
    - o Worked on bug fixing and troubleshooting of WCF services, ASP.Net MVC applications (Jira & Jenkins)
    - o Created and updated queries and stored procedures as part of enhancement (SQL server)
    - o Worked under agile methodologies and participated in Daily Scrum Meetings (DSMs)

- ➢ **Senior Software Engineer in Defense domain, Weapons & Electronics Systems Engineering Establishment (WESEE), Ministry of Defense, Delhi (Feb 2011 – Oct 2014)**
  - *System and Data security projects*
    - o Coded for Windows services, Windows form and console applications using .Net framework, C#, VC++, SQL server, Active Directory
    - o Project development, testing and maintenance
    - o Code review, optimization and security
    - o Documentation such as design documents, test cases, project manuals and user manuals

- ➢ **Software Engineer in BFS and O&G domain, Larsen & Toubro Infotech, Mumbai (Jul 2007 – Jun 2010)**
  - *Governance Portal* is automation of a dashboard for effective monitoring of Process & Technology, Finance and Control
    - o Requirement gathering, analysis, design, development, implementation and testing
    - o Creation of forms using Microsoft InfoPath
    - o Reports development in SQL Server Report Server and SQL Server
  - *Onboarding Tracking System* to follow onboarding and offboarding activities of employees
    - o Workflow development for onboarding process using SharePoint 2007
    - o Code integration and integration testing
  - *Enterprise Information Management System*
    - o BRD and SRS documents preparation
    - o SharePoint site development using MOSS
    - o GUI design customization using Microsoft Office SharePoint Designer
    - o Test plan and test cases development
  - *Client Engagement Reports* (Microsoft Excel, VBA)

Certifications

- • Coursera: Machine Learning program
- • iNeuron Academy: Certified Machine Learning Masters, Certified Python Developer, Certified in Power BI, Certified in Tableau, 2020
- • Microsoft Certified Professional – Developing ASP.Net MVC 4 Web Applications, 2016
- • NIIT – Certified course in Application Development in ASP.net MVC, 2016

Academic credentials
- • MCA from Guru Gobind Singh Indraprastha University (GGSIPU), Delhi, 2007
- • Bachelor of Information Systems (Hons.) from GGSIPU, Delhi, 2004