Pujan Maharjan

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CAREER SUMMARY

Experienced Software Engineer specializing in C#, .NET Core, JavaScript, and Python.
Dedicated to delivering innovative solutions and optimizing processes through technologies: C#, .Net, Python, and React. Complemented by a strong educational background in Artificial Intelligence and Machine Learning, passionate about creating technology-driven innovative solutions.

EXPERIENCE

Full Stack Developer| FirstCall QA, Singapore - (Remote - Part Time)
April 2022 - December 2023
- **Technologies used**: C#, .Net core, Javascript, WPF, Telerik UI, React, Web API, CSS, PostgreSQL.
- Developed JIRA and Trello Applications to display the QA testing data directly in JIRA easing data access.
- Rectified bugs in TestFirst's Windows desktop application, ensuring timely sprint completion for software release.
- Engineered Test Case Fragment component, reducing duplication in test steps and test case creation time.
- Implemented components data repository and test case library in online gherkin test editor, enhancing gherkin test case writing.

Senior Software Engineer| Sursa Technology
November 2021 - February 2022
- **Technologies used:** .NET core, C#, MVC, SQL Server, ETL.
- Architected ELT (Extract Load Transform) to fetch 17-20 million daily Flight Schedules data from OAG's snowflake database to SQL Server, enabling quick data access.
- Designed a POC (Proof of Concept) application to fetch customers' bank details from Nordigen API, providing easy user data access.

Software Engineer| Crossover
June 2018 - December 2020
- **Technologies used**: .NET core, Angular2, MySQL, MongoDB, docker.
- Engineered ELT system and automated reports on employees' performance using JIRA and Testrail data in Google spreadsheets for weekly evaluation.
- Created a web application for reviewing manual tests of Manual-QA, enhancing efficiency and effectiveness.
- Improved MySQL database performance reducing data load time by 50%.
- Automated work allocation (JIRA Tickets) to Maintenance Engineers and Managers, ensuring fair workload distribution.

Senior Software Engineer| GrowByData
June 2016 - June 2018
- **Technologies used**: C#, .NET, Python, jQuery, SQL Server, SQL.
- Developed ELT application to load retail products' data to Facebook and Google Marketplace for Advertising, ensuring up-to-date data.

- Engineered application to exchange Electronic Data Interchange (EDI) messages about Inventory and Orders, eliminating manual communication.
- Coded export module in Python for exporting products to Amazon Marketplace, removing manual upload.
- Mentored and trained two interns for three months, one of whom got employed.

Senior Software Engineer| Software Paradigms International (SPI)
January 2015 - June 2016
- **Technologies used**: C#, WCF, SignalR, Knockout JS, jQuery.
- Designed communication mediator with publish-subscribe pattern using Windows Communication Foundation (WCF) between Citi Bank's Desktop Application and Macy's Web Portal, increasing efficiency of customer service.
- Mentored junior while developing communication mediator.
- Implemented Macy's Web Portal for Plenti program, managing customers' data using domain-driven design.
- Documented architecture and code structure as per company guidelines.

Jr. Software Developer| Finaccess Pvt Ltd
November 2012 - January 2015
- **Technologies used**: C#, WebForms, ASP.NET, jQuery, Oracle Database, Asterisk.
- Maintained and fixed bugs for applications - SMS Gateway, Interactive Voice Response, ISO-Switch, ensuring smooth operation of Mobile banking.
- Extended web application for Hello Paisa Customer management, increasing ease of access to customers' data.
- Re-architected code for SMS gateway from monolithic to Object-Oriented Design.
- Handled customers' and bank staff's calls regarding Hello Paisa mobile payment services, resolving grievances.

VOLUNTEERING

Volunteer Information Officer| Infoxchange, Adelaide -Data Analytics Team
July 2023 - Present
- **Technologies used**: Python, Power BI, Canva, Selenium, Github.
- Developing an ELT pipeline to retrieve data from Google Analytics API and transforming it for Power BI and Canva visualizations.
- Integrating Github Actions for build (Continuous Integration) and deployment (Continuous Delivery).

EDUCATION

Masters of Artificial Intelligence and Machine Learning| University of Adelaide
January 2022 - December 2023
GPA - 6.625

Bachelor of Computer Engineering| Institute of Engineering
January 2009 - December 2012
Percentage - 71.69 %.

TECHNICAL SKILLS

C#, Python, .NET Core, Javascript, Typescript, CSS, HTML, React, REST API, RDBMS, MongoDB, Machine Learning, Artificial Intelligence

AWARDS

Executive Dean's Recognition of Academic Excellence 2022: Awarded to students scoring above 90% in academic year at The University of Adelaide.