NIYANTA PANCHAL

Scarborough, ON M1K 4J9 (Available for relocation) | 437-533-1510

Niyantapanchal4@gmail.com | linkedin.com/in/niyantapanchal/

A diligent and initiative-taking graduate in Computer Engineering with strong analytical and problem- solving abilities, who can work and contribute to a team environment. Ability to organize work, engage in avariety of tasks simultaneously and consistently meeting deadlines. Strong written and oral communicationskills, detailed oriented in written documents and good interpersonal computer skills with willingness and ability to learn new things quickly.

Highlights of Skills

- Java, C++, Python, C#, Android
- HTML5, CSS, JavaScript, PHP, React
- MySQL, PostgreSQL (novice), Mac OS
- Scala(novice), AWS (novice), Linux
- Selenium, MS Office 365, Android Studio
- Software Requirement Specification
- Plans & scripts, Defect and test discovery

- NetBeans, Jupyter Notebook, Eclipse, PyCharm, Google Colab, SQA tools, DevOps Engineering
- Agile, Scrum, Waterfall, Iterative, Jira, SAP
- Apache kafka, Data structure
- Test case report, Latex, Confluence
- Dedicated problem-solver, Automation tester
- Passionate Team-player

Education

PGD in Information technology programmer analyst   (2018-2020)

LaSalle Collage - Montreal, Quebec, Canada.

Bachelor of Computer Science   (2013-2017)

Gujarat Technology University - Gujarat, India.

Work Experience

Project Intern – SailOn Technologies, Ahmedabad, India   (2016-2017)

- Designed a rural area map system and used GIS to prepare the shortest trailblazer for Sail's ongoing project. I implemented a network simulator to show the shortest path coordinated by GIS.
- Technologies: GIS, PostgreSQL, Java, ArcGIS, PHP, LateX.

Web Application Developer – APT services, Ahmedabad India.   (2017-2018)

- My role was to develop an android application related to event management that allows user to createthe event, sending messages to all applicants and giving notification alerts using multithreading. Also,developed the project by following the SDLC lifecycle.
- Technologies: Android, Java, Spring Boot, PHP MyAdmin, JS, HTML, SQL

Supervisor - McDonald's, Montreal, Canada.   (2018-2020)

- My primary responsibilities include leading the team through the process of transitioning to a new work environment. Scheduling and inventory management, as well as weekly checklist verification. Assisting the team in achieving its objectives.
- Organizing meetings to increase sales, As well sales projection meetings to encourage team members to perform efficiently.

Support specialist – S&P Data ,Toronto, Canada.   (2020-2021)

- Helped agents in chat, listened to agents, watched IEX and Genesys to monitor long calls, aux codes, a thorough understanding of the reporting requirements of the CSA, ESMA, and ASIC.
- Experienced heading a team of capital markets business analysts. Excellent presentation and leadership abilities. Verifying technical reference information, including user guides, training manuals, and system requirements.

Relevant Academic Projects

Mortgage application portal with workflow implementation (Team of 5)

HTML, CSS, JavaScript, PHP, SQL, Azure Cloud, JSON, REST API, Mocha, Sails.js

- Project was implemented in a team of five, for which we created two backend REST APIs that can extract and update details in a remotely hosted SQL database. We created two frontend portals to interact with each API and keep track of the application.

- I was responsible for designing the frontend portals, containerizing with the help of Docker and uploadit to the Azure Cloud. Rectified cluttering and security issues in the front end application and solved it.Also integrated mocha and Winston for unit testing and logging in the application.

Electrification of public Transit using DMAIC Methodologies (Team of 3)

Java, Android, SQL, LateX, apache kafka, Product Development Methodologies, JUnit Testing, MS Project

- Developed and designed a java application for electrification of existing bus routes in Montreal. The application suggests the minimum budget, fleet size and battery size based on input parameters such as battery and bus manufacturer along with price. Unit testing was performed using JUnit.

- ***Analysis:*** Risk identification was conducted using SWOT analysis methods to mitigate the project risk.Additionally, ROI analysis report was also documented based on the clients' requirement.

- ***Specifications:*** The specifications of the project such as battery capacity, charging station and bus models were decided before implementing the project.

- ***Six Sigma:*** Quality control analysis report was generated using the DMAIC methodologies as well as SIPOC methods were used for further risk mitigation.

- ***Documentation:*** Developed the project while following the software development life cycle while maintaining the Software Requirement Specification (SRS), Software Quality Assurance Plan (SQAP), Project Development Plan (PDP), test cases documents.

TGB Web development (Team of 3)

HTML, CSS, PHP, JS, SQL

- Led the team of 3 to design the UI/UX for the website developed for a retail food chain (TGB- The Grand Bhagwati). The website features functionalities such as online menu, add to cart, track of order and feedback using technologies such as HTML, CSS and JavaScript.

- The backend was handled using PHP and database was done using PHP MyAdmin.

Swapper

Android, Firebase, Elastic Search, Google Cloud

- It is a classified and live application. Classified apps are one of the best way to promote or sell your product.

- All features connected to Google cloud database and storage to reduce server side activities.

- Interfaced the system with Android using Firebase and Elastic Search, Classified apps also let you to buy, rent the products. It allows you to search used product like a car, mobile, laptop, PC and others in local area.

Co-Curricular Activities

- Awarded CM Scholarship for bachelor studies, Gujarat, India. (2013-2017)

- Volunteered in Graduate Student Association, Lasalle College in various academic events. (2019)

- Coordinated "Recent Advances in Computer Science & Technology", National Conference, organised by Computer Society of India & Database Coordinator in state level technical festival - IMAZE 2017-18.

- Awarded The Best Crew of the year 2019 by McDonald's.

- Certificate of Completion The Complete React Native + Hooks Course with Udemy

- Certificate of Completion Advance Java technology with LinkedIn

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