Tirth Patel

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OBJECTIVE:

Dedicated and adaptable college student currently enrolled in the **Advanced Diploma** program in **Computer Programming and Analysis (CPA)** at **Seneca College**. I bring demonstrated expertise as a skilled **programmer** and **problem-solver**, with a solid foundation in **API development**, **data analytics**, **project management**, and **report preparation**. My commitment lies in elevating team success through the delivery of high-quality code, offering valuable **technical support**, and applying exceptional **interpersonal skills**. I am highly motivated, customer-focused, and enthusiastic about embracing new challenges in a **collaborative** and **innovative environment**.

TECHNICAL SKILLS:

- Programming languages: - **C, C++, Python**
- Web Development: **HTML5, CSS, JavaScript, Django, React, Angular**
- API Development: **RESTful APIs, HTTP, JSON**
- Database Management**: - SQL (Oracle, MySQL)**
- Business Intelligence & Reporting: **Power BI, Tableau, Sage Enterprise Intelligence, Data Visualization**
- Data Analysis: **Data cleaning, structuring, querying, report automation**
- Tools and Technologies**: - MS office, MS Visual Studio, MS VS code, GitHub, AWS, VLOOKUP, VBA, Git, Jira, Microsoft Azure**
- Operating Systems**: - Windows, Linux**
- Testing and Debugging**: Profiling, Debugging Techniques, Issue tracking.**

CERTIFICATIONS:

- Python Essential training (LinkedIn certification)
- Git Essential training (LinkedIn Certification)
- React (LinkedIn Certification)
- My SQL
- Angular

TECHNICAL PROJECTS:

Django Web-application:
- Designed a **signup system** in which users receive **email verification** before accessing the website.
- Users can visit the website and find my other web development links after signing in.
- GitHub link: Django Project

React application:
1. KJ-Infrastrutcer
   - Website for a civil work company with pages on introduction, services, projects, and contact details.
2. Portfolio
   - **Personal portfolio** showcasing projects, details, and contact information.
3. textutils
   - Versatile React app for text manipulation, including capitalize, remove spaces, copy to clipboard, word count, and text reversal.
4. iNotebook
   - **Secure React-based** web app for managing personal notes with **MongoDB integration** for data storage.
5. News-app
   - Responsive React web app delivering up-to-date news with dark mode/light mode option.
6. vibe-app
   - Spotify clone with similar structure and functionality.
7. Favorite game
   - Created a website detailing my favorite game. Provided game history, rules, and instructions. Badminton

WORK EXPERIENCE:
I&IT Analyst (Designer),

Ministry of Public and Business Service Delivery (**MPBSD**)   September 2024 – December 2024
- Designed and developed **digital forms** for various government programs, crafting both applicant-facing guides and internal OPS documents using JavaScript for enhanced interactivity.
- Ensured accessibility compliance by adhering to **AODA** standards, adding **tooltips**, and enabling **compatibility** with **screen readers** to support individuals with accessibility needs.
- Standardized form designs to align with the latest government **regulations** and **requirements**, ensuring **consistency** and adherence to official standards.
- Collaborated with cross-functional teams to ensure each form met **DEV**, **UAT**, and **PROD** requirements, facilitating smooth transitions between stages while managing version control.
- Streamlined form submission and workflow processes by creating interconnected forms that passed information across departments, enhancing efficiency and accuracy.
- Played a key role in server integration, ensuring forms functioned seamlessly across all linked departments.

I&IT Analyst (QA),

Ministry of Public and Business Service Delivery (**MPBSD**)   April 2024 – August 2024
- Conducted **quality assurance** for a government website that had not been updated in over 20 years, identifying **accessibility** and **compliance issues** related to AODA.
- Tested and documented website functionality, **identifying** and **creating tickets** for bugs, **accessibility issues**, and general **usability enhancements**. Collaborated with developers to ensure issues were addressed effectively.
- Led **data migration** efforts, transferring millions of user records from the legacy website to the updated platform, ensuring data integrity and accuracy.
- **Enhanced website navigation** and **modernized user experience** to align with current standards.

IELTS Instructor,

Shree Hari **-** Kalol, Gujarat, India   January 2022 – July 2022
- Provided students with personalized feedback on their strengths and weaknesses in English.
- Taught students' effective strategies for **time management and test-taking.**
- Created and maintained a positive and supportive learning environment for students.

Python Instructor,

NIT Computer Training Center**-** Kalol, Gujarat, India   February 2022 – July 2022
- Taught student's **fundamental python concepts** including procedural to **object-oriented programming.**
- Provided individualized support to students who were struggling with assignment problems.
- Assigned and graded homework, projects, and exams to **evaluate students' progress.**
- Guided students and facilitated learning, allowing students to showcase their understanding of the material and abilities.
- Inspired students offered a dynamic and collaborative classroom to help students be more **innovative and logical.**

Customer Service Representative,

Vodafone – Ahmedabad, Gujarat, India.   July 2021 – January 2022
- Handled **customer inquiries**, complaints, and escalations in a professional and courteous manner.
- Maintained **accurate and up-to-date records** of customer interactions and transactions in **Vodafone's database.**
- Assisted customers with billing and payment inquiries, including account balances, due dates, and payment methods.

SOFT SKILLS:
- Strong analytical and problem-solving skills.
- Excellent communication and interpersonal skills.
- Detail-oriented and highly organized.
- Adaptable and able to collaborate effectively in a team.
- Familiarity with Git and other source code management tools
- A thirst for exploring emerging technologies.

EDUCATION:
Computer Programming and Analysis   September 2022 - April 2025

Advanced Diploma, Seneca College- Toronto, ON

Relevant Courses:

Object-Oriented Programming, Web Programming Tools and Frameworks, Data Structures and Algorithms, Advanced Database Services, Application Development, Mobile Application Development – Android