Yienisha Abeyratne

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EXPERIENCE

Software Engineer - Intern   Sep 2023 – Apr 2024
Scotiabank   *Toronto, Ontario*

- Customized *ServiceNow* Service Catalog forms and tables
- Reverse-engineered notification generating script and presented the findings to 40+ ServiceNow developers to show how it could be improved
- Performed peer **code reviews** for new implementations and changes done on scripts, and other modules
- Executed **System Integration Testing**(SIT) for a ServiceNow patch upgrade and coordinated UAT testing with users and provided them technical support
- Executed the migrated **EDL(Enterprise Data Lake)** scripts on the new EDL platform with Tidal scheduler
- Troubleshooted the Python version errors, missing datafile etc. issues faced on the new platform with the help of **Hadoop** history server

Full Stack Developer - Contract Fulltime   Nov 2019 – Mar 2022
23e2 Digital Marketing   *Scarborough, Ontario*

- Revamped an **e-commerce website**, re-designed and developed the **Front-End** with **HTML/CSS and JavaScript** increasing online orders by **25%**
- Developed the **Back-End** of the e-commerce platform with **PHP**, integrated with a **MySQL** database, streamlining the warehouse process to improve efficiency
- Researched and applied search engine optimization(SEO) bringing 3 websites to the first page of Google search
- Collaborated with team members as a Tech-Lead in **planning project requirements** to integrate Google Products for a tiered platform offering consolidated Google business services
- Guided team members on technical issues faced during external **API integration**

Core Network Engineer - Permanent Fulltime   Jun 2015 – May 2019
Etisalat Lanka   *Colombo, Sri-Lanka*

- Configured **SIP** trunks between the core network's Session Border Controller and external IDD call providers
- Rectified call failures between external networks using **WireShark** traces
- Troubleshooted mobile data connectivity and charging issues by analysing **Diameter** message flows

PROJECTS

E-Commerce Website | *HTML, CSS, PHP, MySQL*

- Designed and developed an e-commerce system for a CPAP equipment retailer. https://www.cpapclinic.ca/
- Integrated with several APIs such as **PayPal** and **Canada Post**

Bill Shock Prevention Notifier | *Java, MySQL, HTML, CSS, BootStrap*

- Developed a notification system to send text messages to customers exceeding data usage limits.
- Consolidated partial data usage records from GGSN logs to construct usage per session and kept track till the customers latched on to the home network again
- Compared session based usage records with billing records sent by the external networks to check for discrepancies

International Roamers Heat Map | *PHP, MySQL, HTML, CSS*

- Developed a **data visualization** map showing the locations where mobile subscribers get detached from the network
- Kept track of new users getting attached to the network and kept track of locations where the customers get detached. This visual aid was used in planning antenna optimizations and capacity planning to ensure better customer experience

EDUCATION

York University   Expected Summer 2025
Bachelor of Science (Hons) in Computer Science   *Toronto, Ontario*

Sheffield Hallam University   Jan 2012 – Feb 2015
Bachelor of Engineering (Hons) in Electronic Engineering   *Colombo, Sri-Lanka*

TECHNICAL SKILLS

- **Java | Python | C | Node.js | HTML/CSS | MySQL | React | Figma | Git | Computer Vision | PyTorch | Kornia | OpenCV | NumPy**