| |  | | | | --- | --- | --- | | **Gopinath Kavya** | | | | Contact | | | |  | | | | A picture containing metalware, ax, gear  Description automatically generated | (65) 8850 8381 | | | Icon  Description automatically generated | kavyagopinath23@gmail.com | | |  | | | | Education | | | |  | | | | **Diploma in Information Technology**  *Singapore Polytechnic*  *2021 - Now*  **O-Level**  *Swiss Cottage Secondary School*  *2017 - 2020*  **PSLE**  *Yuhua Primary School*  *2011 - 2016* | | | |  | | | | Key Technical Skills  Java/J2EE  Javascript  Python  HTML  CSS  Data Analysis  Full-Stack Development  Secure Coding  Web/Mobile Applications Development  UI/UX Design | | | |  | | | | Fluent Languages  English  Tamil | | | |  | | | | CCA  **Indian Cultural Society**  *Publicity and Publications I/C* | | | |  | |  | | | | | | | | --- | --- | --- | --- | --- | --- | --- | | About Me | | | | | | | |  | | | | | | | | I am a year 2 student at Singapore Polytechnic, pursuing a Diploma in Information Technology.  I believe in always improving myself so I am receptive to feedback and I am constantly learning. I am also resilient and hardworking, which allows me to keep trying even when presented with a challenge | | | | | | | |  | | | | | | | | Project Experience  *April 2022 - August 2022* | | | | | | | | **E-Commerce Website**  Collaborated with a classmate  Developed a website that sells tour packages (Java/J2EE)  Designed the database with ERD and implemented it with MySQL  Implemented the MVC Framework for this website  Created Restful APIs to fetch data  Tested APIs with Postman  Consumed internal and external APIs  Troubleshooted any bugs and errors that came up  Compiled both my codes and my partner’s code together  *June 2022 - September 2022*  **Secure Coding and Deployment**  Conducted penetration testing on a website to identify bugs listed in the OWASP Top 10  Used Cloudinary to store images  Addressed and fixed the bugs in this website (Javascript)  Researched for advanced features to secure the website and implemented them.  Converted the MySQL Database to a Non-Relational Database (DynamoDB)  Deployed the website with AWS  *June 2022 - September 2022*  **Data Visualisation and Analysis**  Brainstormed a question that I wanted to conduct research on  Gathered multiple data (CSV format) related to my question  Used Python to extract data from the data files and used it to plot various graphs.  Utilised the NumPy library and Pandas library to extract specific data needed for each graph  Utilised the Matplotlib Library and Seaborn library to plot the graphs  Analysed the graphs to formulate a conclusive answer to my initial question  Conveyed, the thought process and my analysis in detail to my lecturer  June 2022 - September 2022  **Software Engineering**  Worked in a SCRUM Team to design and test a system  Drew UML Case diagram, UML Class Diagram and UML Sequence diagram with my team, to represent different functionalities of our system  Designed and conducted usability tests on our system to check for bugs in our system  Ensured team understood the requirements and knew how to implement it  Lead my team to stay on track  Addressed and fixed the bugs in this website (Javascript)  Used Git and Github to combine each of our bug fixes | | | | | | | | CCA Experience  *March 2022 - Now*  **As the Publicity and Publications I/C,**  Design graphics for all publicity materials  Upload pictures taken of our events and market it  Manage our social media platforms  **As part of the EXCO,**  Organize and run events with my committee members  Plan logistics and timeline of events in detail  Communicate with any collaborating clubs  Apply problem solving skill when an unexpected situation arises  Communicate with team to ensure they are clear on their delegated tasks  Lead team to ensure they stay on track  Conduct review with team to identify areas we could have been more efficient  Manage time between school work and CCA commitments | | | | | | | |
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