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| |  | | --- | | L CITY  EINDHOVEN  OCATION | | |  | | --- | | AGE  36 OCATION | | |  | | --- | | HOBBY  Playing chess, reading books |  OCATION | |
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| Icon  Description automatically generated | |  | | --- | | PERSONAL GOALS  1.Improve my technical skills 2.Help or influence other team members in solving their problems optimally. | | | | | |
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| A picture containing text  Description automatically generated | |  | | --- | | MOTIVATION  1.Solving complicated problems  2.Ensuring quality in the output work | | | | | |
|  |  |  | |  | | --- | |  | | | |
| Icon  Description automatically generated | |  | | --- | | EXPERIENCE  1. 13 year of professional experience working as software developer.  2. Contributed in all phases of Software Development Life cycle of a product.  3. Experience working for startup's as well as reputed software companies.  4. Flexible according to required circumstances : working as a single contributor OR in establishing teams OR contributing in established teams.  5. Excellent problem solving and analytical skills 6. Good at designing software using Object oriented principles, design patterns, UML diagrams.  7. Debugging & resolving problems in complex software 8. Designed and developed software involving multiple threads  9. Hands on using Qt frame work for design & developing User interfaces. 10. Practical knowledge on Artificial intelligence and Machine Learning using Matplotlib, Scikit learn, Pandas 11. Basic knowledge about Natural language processing using NLTK and deep learning using Keras | | | | | |
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|  | |  | | --- | | EDUCATION  Bachelors of Computer Science and Engineering | | | | |
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| Icon  Description automatically generated | | **LAST EMPLOYERS**  **Period** | **Organization** | **Function** | | --- | --- | --- | | 7-2017 to 4-2022 | Siemens | Lead Developer | | 2-2012 to 6-2017 | Norton Lifelock | Developer | | 10-2009 to 1-2012 | e-con systems | Developer | | | | |
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| A picture containing gauge  Description automatically generated | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | SKILLS   |  | | --- | | Languages  English |  |  | | --- | | Programming languages  C++, C, Python, CSS, HTML |  |  | | --- | | Methods  Agile / Scrum Methodology, Waterfall |  |  | | --- | | Tools & Applications  Google Unit test Framework, Rational Clearcase, CMake, MS Visio, Boost, Visual Studio, Visual Studio, Google Colab, Enterprise Architect, GStreamer, NSIS, GIT, WinDbg, Clearcase, Tensorflow, Perforce, ffmpeg, Qt 5 |      |  | | --- | | OS & Platform  Win32, Linux, Microsoft Windows | | | | | |
|  |  | | | |
| Icon  Description automatically generated | | | **WORK EXPERIENCE**  **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 9-2022 to 4-2023 | Software Designer | | | **Organization** | Project | | | ICT Netherlands B.V | | ASML | |  |  | | | For the lithography machines, a new variant had to be released to market. As a software designer, for the illumination and dose control modules, I implemented the software changes and unit tests. To support the new variant, software changes were made in Python and C programming language. Unit testing implementation involved using Google mocks. The platform for development and testing was Linux. | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 7-2021 to 4-2022 | Lead Engineer | | | **Organization** | Project | | | Siemens | | Sinumerik Controller | |  |  | | | For Sinumerik Product line, there was a need to provide facility to log data for more than one channel. Hence it was necessary to update the logging module to capture data from all configured channels in Sinumerik device. As a lead developer I implemented the feature, keeping scalability in mind so that feature can be extended to 'n' channels. I implemented the front end using Qt and actual functionality in C(backward compatibility reasons). It was a complicated assignment as the logging was done in binary file, which will be parsed to display human text. | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 1-2021 to 6-2021 | Lead Engineer | | | **Organization** | Project | | | Siemens | | Sinumerik Controller | |  |  | | | In Sinumerik product line, there was a need to provide facility for the users to monitor variable values periodically. Hence we had to enhance the existing logging module to capture the values of variables which were getting updated. As a lead developer I designed , implemented and integrated the user interface for the feature requested. My role included : designing, implementation, integrating feature into product line, branch management, code review, stake holder communications(technical). | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 4-2020 to 12-2020 | Lead Engineer | | | **Organization** | Project | | | Siemens | | Sinumerik Controller | |  |  | | | It was requested to provide a device registration facility in Sinumerik product lines to help in warranty verification and customer support. Hence we had to develop an user interface with QR Code, so that user can register their devices. As lead developer I designed, implemented and integrated the feature into the product mainly the user interface and QR code widget. My role included implementation, branch management , communicating with stake holders, reviewing the code and automation. | | | | | | |
| Icon  Description automatically generated | | | **WORK EXPERIENCE**  **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 7-2021 to 4-2022 | Lead Engineer | | | **Organization** | Project | | | Siemens | | Sinumerik Controller | |  |  | | | For Sinumerik Product line, there was a need to provide facility to log data for more than one channel. Hence it was necessary to update the logging module to capture data from all configured channels in Sinumerik device. As a lead developer I implemented the feature, keeping scalability in mind so that feature can be extended to 'n' channels. I implemented the front end using Qt and actual functionality in C(backward compatibility reasons). 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My role included implementation, branch management , communicating with stake holders, reviewing the code and automation. | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 6-2019 to 3-2020 | Lead Engineer | | | **Organization** | Project | | | Siemens | | Sinumerik Controller | |  |  | | | The performance of integrated camera feature was not up to the mark leading to system crash, hang and high response time. Hence there was a need to improve the camera application performance. As lead developer I took up the task of debugging and resolving the problem. I refactored the code to use the Qt Signal slot to achieve thread synchronization, leading to launch time improvement, increased response time and better user experience. | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 11-2018 to 5-2019 | Lead Engineer | | | **Organization** | Project | | | Siemens | | Sinumerik Controller | |  |  | | | There was a request to provide camera preview facility into Sinumerik product line. We had to integrate the camera control into product ,which we had done a proof of concept. As lead developer, my role included design, implementation, integrating , branch management, communicating with German colleagues for collaboration. | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 1-2018 to 9-2018 | Lead Engineer | | | **Organization** | Project | | | Siemens | | Sinumerik Controller | |  |  | | | There was a need to provide camera previewing facility in Sinumerik product line. We had to evaluate various multi-media frame works to make the feature work and evaluate the performance of different open source multi-media frameworks. As a lead developer I evaluated 3 multi media frame works. I drove the proof of concept to completion, providing feasibility and performance data. We were able to gain confidence of our German counterparts by my demonstration and we got green signal to integrate feature into product. | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 8-2016 to 6-2017 | Senior Software Engineer | | | **Organization** | Project | | | Norton Lifelock | | Norton 360 and Norton Antivirus | |  |  | | | The launch time of settings user interface was more than the set benchmark. So we had to root cause or record/ration the time impact of modules affecting the launch time. As a software engineer, I debugged the issue and concluded that the loading of all scripts at the launch of User interface was impacting the launch time. | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 9-2015 to 7-2016 | Software Engineer | | | **Organization** | Project | | | Norton Lifelock | | Norton 360 and Norton Antivirus | |  |  | | | It was necessary to search for the settings toggles in the Norton product so that user can update the toggle quickly. To achieve that we had to implement the Search toolbar functionality in the Norton product. As a software engineer, I implemented the search functionality into the Norton products. My role included implementation, collaborating with American development counter parts. | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 11-2014 to 8-2015 | Software Engineer | | | **Organization** | Project | | | Norton Lifelock | | Norton 360 and Norton Antivirus | |  |  | | | The usage of many features was less than expected in Norton products. It was necessary to introduce the basic essential features of Norton right after installation. Hence it was decided to provide a product tour after installation. As a software developer, I implemented the product tour of Norton product line. My responsibility included implementation, unit testing and co-ordination with test team for testing of feature. | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 2-2014 to 10-2014 | Software Engineer | | | **Organization** | Project | | | Norton Lifelock | | Norton 360 and Norton Antivirus | |  |  | | | The downloader of Norton products needed to be customized to match the product that is being downloaded. Based on the product to be downloaded the user interface had to be customized. As a software engineer my role was implementing the feature by loading the resources based on the configured product to be downloaded. My responsibility also included collaborating with American counter parts and user experience team. It included co-coordinating with verification team | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 3-2013 to 1-2014 | Associate Software Engineer | | | **Organization** | Project | | | Norton Lifelock | | Norton 360 and Norton Antivirus | |  |  | | | There was need to extend the Norton downloader to download and install more than one product. Until that point, it was possible to download only single product. The product to be downloaded were configured using the JSON file. As a developer, I the enhanced the application to download the second product and subsequent product. My responsibilities included implementation, bug fixing and collaborating with testing team to drive the feature to completion. | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 4-2012 to 1-2013 | Associate Software Engineer | | | **Organization** | Project | | | Norton Lifelock | | Norton 360 and Norton Antivirus | |  |  | | | There was no support for different languages of Norton Downloader. The facility had to be implemented to change the language based on configuration or Operating system language. As a software engineer, I implemented the feature. My responsibility included implementation, unit testing and bug fixing. | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 3-2011 to 2-2012 | Software Engineer | | | **Organization** | Project | | | E-con systems | | EVReader | |  |  | | | For a newly developed USB camera product, user interface had to be implemented. The product was targeting visually impaired/low vision persons providing Optical character recognition and Text to speech facility. As a software engineer, I was responsible for development of user interface. My responsibilities included implementation and collaboration for better user experience with clients | | |  | | **Period** | | --- |   **Function** | | | | --- | --- | --- | --- | | 4-2010 to 3-2011 | Junior Software Engineer | | | **Organization** | Project | | | E-con systems | | EVViewer | |  |  | | | There was a need to develop an user interface for the new product that was to be launched. As a junior software engineer, I was responsible for implementation and bug fixing of the product. | | | | | | |