Gorakh Parsad 

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# Career Objective

| Adding value to the Organization and oneself through continuous Learning and Self-improvement and becoming a quality Professional, Providing Quality Service. |
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# Skills

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| |  |  | | --- | --- | | * **Back End Programming** | C#, PYTHON, .Net, MATLAB, Java, c/c++ | | * **Front End Programming** | Flask, HTML, Bootstrap, CSS, JavaScript, jQuery, Angular, Angular 2.0, Angular 4.0, Django | | * **Graphical Visualization** | Chartjs, d3, google charts, PowerBI | | * **APIs and Services** | .Net mvc web api 2.0, WPF, WCF, Telerik, DevExpress | | * **Database Engine** | SQL Server 2008, 2014, Mongo dB, MySQL, postgre | |  |

# Industrial Experience(4+ years)

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| August 2017-Present  Ulsan, S.Korea | Research Graduate Student, Interactive Visual Analysis and Data Exploration Research (IVADER)(UNIST)   * Current research project: EDUVIS (Educational Visualization) System, auto\_tnv * Advisor: Professor Sungahn Ko |
| 18-April 2016 to 14-August-2017  Chandigarh, India | Software Engineer,  HitecPoint Technologies   * Fleet Management Software (Front End: Asp.net MVC, JavaScript, Angular, Back end: c#, Database: Sql Server 2014, WebAPIs).   + Detail: The Trackmaster portal is a very powerful GPS Management System. It contains different modules like Reports, Live Tracking, Tracking on map, Route Playback on Map, Google Map API, Vehicle Status and many other functions.like Reports, Live Tracking, Tracking on map, Route Playback on Map, Google Map API, Vehicle Status and many other functions.   + FMS: Fleet Management Software, this section in Trackmaster contains all the records regarding the employees, Drivers, assigning Driver to vehicles and many more things  |  |  |  | | --- | --- | --- | |  |  |  | |
| March 2015 to January 2016  Chandigarh, India | Junior Software Developer,  Serene Technologies (Canada)   * WPW Inc. (Front End: Asp.net MVC, Kendo. Backend: c#. Database: Sql Server 2008, Team Size: 5).   + Detail: The WPW Inc. portal is a very powerful and extremely easy to use Facilities Management System. WPW Inc. portal contains many Different Modules like Safety Tickets, Equipment System, and GPS System. Via simple and consistent data entry methods, the WPW Inc. portal offers separate user area and admin area, which is very useful for isolation between admin and user.   + Role: Development and Testing |

# Education

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| August 2017 – Present  Ulsan, Korea | M.S. Computer Science,  Ulsan National Institute of Science and Technology   * Research Area: Visual analytics, Information visualization, HCI (Human-Computer Interaction), Machine Learning, Deep Learning * Advisor: Professor **Sungahn Ko**, Co-Advisor: Professor **Kwang Soo Kim** |
| August 2011 - May 2017  Punjab, India | B.Tech. Information Technology, I.K Gujral Punjab Technical University |
| May 2018 - May 2011 | Punjab State Board of Technical Education and Industrial Training, Polytechnic. Computer Science |

# pUBLICATIONS AND OTHER INDUSTRIAL PROJECTS

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| * A Self-Quantified Feedback System Using Internet Traffic Analysis and Classification   for Compulsive Internet Use (2018 IISE Asian Conference)   * + Packet Capturing using Python(Scapy)   + Supervised Machine learning (classification)   + Flask for front end   + Mongo dB for storage of network packet’s filtered data   + System consist of both system application and web application * FeedTummy   + Online Food tracking system, Consumer can Track their food   + Get Real time location on phone, Notification when order arrived near to consumer * Party Fund   + Online Food tracking system, Consumer can Track their food   + Get Real time location on phone, Notification when order arrived near to consumer * SEMS (Smart Employee Tracking System)   + Manager can manage all their employees, Automatically Task assigning   + Analyzing business status, Machine Learning usage to predict Star System * Trackmaster(GPS)   + Client can manage their vehicles, Visualization on google map   + Different Types of Smart Reports basis on GPS   + C# language (Web API) with JavaScript, Ajax and HTML * Construction Company Management System   + User can add/edit user basic information, Admin can assign permission to tickets   + C# language with JavaScript and HTML * DrugTestFormSubmission System   + C# language with JavaScript and HTML |

# Achievements and hobbies

| UNISPARK, 4th place at UNIST 2017 as a CEO of Acheron Smart Applications  Based Startup  Enjoy Playing Cricket, Volleyball, Reading News  Winner of UNIST Cricket Tournament 2018, Runner Up Indians in Korea Cricket cup 2018. |
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