Abhishek **Singh**

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Experience

TinyTera Consulting   *New Delhi, India*
SOFTWARE DEVELOPER   *Jun 2021 - Present*
- Ensured customized support to customers on application development issues
- Delivered validated algorithms to real-time systems while enhancing performance of deployed applications
- Successfully developed apps for existing and new customers using python and machine learning

STARTUPED   *New Delhi, India*
.NET DEVELOPER   *Mar 2019 - May 2021*
- Worked on front-end and back-end development in .NET Core including web application design, implementation of object-oriented principles, software design patterns and MVC
- Created a RESTful Web API service using ASP.NET Web API and tested its functionality using Postman
- Enhanced web application with real-time information on web pages using ASP.Net, SignalR and jQuery
- Gained knowledge for developing web applications using HTML web forms, ASP.NET MVC and xUnit unit testing framework

TATA CONSULTANCY SERVICES   *New Delhi, India*
IT CONSULTING INTERN   *Jun 2016 - Aug 2016*
- Debugged and troubleshot web-based application 'Passport Seva Project' that digitized Indian government records and increased intra office efficiencies across the administration
- Worked as a part of the online team responsible for updating Passport Seva website
- Worked on Architecture for fraud detection using a database of 140 million people at passport project

MILWAUKEE SCHOOL OF ENGINEERING   *Milwaukee, USA*
EVENT MANAGER, MAINTENANCE TECHNICIAN   *Dec 2016 - Mar 2018*
- Organized NCAA (National Collegiate Athletic Association) games for Milwaukee School of Engineering
- Trained, coached and mentored a staff to ensure smooth adoption of new policies during each event
- Performed general electronical and computational repairs on various systems and equipment
- Responsible for troubleshooting, maintenance, and repair of the internet server network for the campus

Computer Skills

Programming : Python · C · C++ · SQL · Assembly Language · C Sharp · JQuery
Web Development : HTML · CSS · JavaScript · Git
Databases and Servers : AWS · Django ORM · MySQL · PostgreSQL · MangoDB

Education

MILWAUKEE SCHOOL OF ENGINEERING   *Milwaukee, USA*
BACHELOR OF SCIENCE IN COMPUTER ENGINEERING   *Class of 2018*
- **GPA:** 3.26/4.00
- **Honors:** Deans List in all semesters; Graduated with Honors
- **Leadership:** Captained two-time championship winning men's intramural basketball team in college · led and organized college sport events as Event Manager

Projects

CNC CONTROLLER   *Sep 2016 – May 2017*
- Designed a Controller for transferring a G-code file via SD card to a CNC machine
- Tested various components like LCD, stepper motors, UART and keypad using Code Composer

EMBEDDED VISION TRACKING DEVICE   *Mar 2016 – May 2016*
- Device camera attached to two servomotor that are used to move the camera to track a specified spot
- Implemented pulse width modulation (PWM), I2C serial protocol, camera sensor, and VGA

Additional Activities

Additional Projects: Electronic lock (assembly language) · Personal blog (Django web framework and Python)
Interests: Programming · LeetCode · HackerRank · Basketball · Rock climbing · Rafting · Fitness
Certificates: Hackerank - Problem Solving (Basic) Certificate · Problem Solving (Intermediate) · Python (Basic) Certificate