

# PRIYANK TRIVEDI

[me@priyanktrivedi.com](mailto:me@priyanktrivedi.com)

I am an ambitious, eager & self-motivated developer specializing in Web Development with core competencies in Bioinformatics & Machine Learning. Enthusiastic to apply the theoretical preparation into everyday life scenarios and have demonstrated my proficiencies of strong analytical skills & capabilities in supporting a range of large and small scaled projects. I am a great team player and have implemented various ways to achieve leaner results-oriented process.

## ACADEMICS:

<b>Master of Science</b>	Computer Science	Texas State University, TX	Grad Date: Dec '18
<b>Bachelor of Engineering (B.E.)</b>	Information Technology (I.T.)	Marwadi University, India	Grad Date: Dec '14

## SKILLS:

<b>Programming Languages</b>	Python, JavaScript, PHP, C++
<b>Databases &amp; Frameworks</b>	PyTorch, TensorFlow, React.js, MySQL, PostgreSQL, Pandas
<b>Personal Skills</b>	Self-Motivated, Creative Thinker, Quick Learner, Problem Solver

## SELECTIVE WORK EXPERIENCES AND INTERNSHIPS\*:

<b>May'19-Pres.</b>	<b>System Analyst</b> <b>Texas State University</b> <ul style="list-style-type: none"><li>Acted as lead developer for in-house contact tracing application 'Bobcat Trace' to reduce the spread of COVID-19 for Texas State University.</li><li>Develop WCAG &amp; HIPPA compliant applications and REST APIs using PHP, Python, C#, React.js.</li><li>Create data visualization tools for large data and accessibility compliant applications.</li></ul>
<b>Jun'18- Aug'18</b>	<b>Machine Learning &amp; Visualization Intern</b> <b>Skylark Innovations LLC. (<a href="http://www.trackmyshuttle.com">www.trackmyshuttle.com</a>)</b> <i>Ashburn, VA</i> <ul style="list-style-type: none"><li>Developed algorithms for accurate ETA calculations and Real-Time tracking of B2B fleet vehicles.</li><li>Designed hybrid database structure for Relational and Non-Relational data.</li><li>Defined Technology Migration Strategy to enable integrated business operating systems.</li></ul>
<b>Aug'16-Jun'18</b>	<b>Graduate Research Assistant</b> <b>Texas State University</b> <i>Austin, TX</i> <ul style="list-style-type: none"><li>Created streamlined method for collecting, processing, storing and labeling Bio-Signal data from human subjects for supervised learning.</li><li>Analyzed Bio-Signals collected from Veterans which are suffering from PTSD to build a method to evaluate effectiveness of VR therapy.</li><li>Compared traditional machine learning and deep learning models for Bio-Signal analysis.</li><li>Built application for computer vision based human motion analysis using Kinect-V2 for Physiotherapy applications.</li></ul>
<b>Apr'15-Jun'16</b>	<b>Web Designer &amp; Developer</b> <b>Bhanu Inspirations LLC. (<a href="http://www.zabumba.net">www.zabumba.net</a>)</b> <i>Indianapolis, IN</i> <ul style="list-style-type: none"><li>Developed PHP/MySQL based Finance/Cash Flow Management System.</li><li>Designed intuitive visualization for web application in D3.js, React.js.</li></ul>
<b>Mar'13-Mar'14</b>	<b>Application Development Intern</b> <b>Council of Scientific and Industrial Research - Central Salt &amp; Marine Chemicals Research Institute (CSIR – CSMCRI, Government of India)</b> <i>Gujarat, India</i> <ul style="list-style-type: none"><li>Built Asp.net, C# based Intranet application for task management and secure data storage.</li><li>Provided secure in app Real Time Message Delivery with Job Note Management System for better internal communication.</li></ul>
<b>Dec'12-Sept'13</b>	<b>IS Audit Intern</b> <b>Bharat Parikh &amp; Associates</b> Chartered Accountants <i>Gujarat, India</i> <ul style="list-style-type: none"><li>Audited companies as part of team for data integrity and information security.</li><li>Participated in ERP to SAP migration audit team.</li></ul>

\*For additional details on work experience & skills, please visit my website: <https://www.priyanktrivedi.com/about>