

An ambitious, eager & self-motivated developer specializing in Application Development with core competencies in Machine Learning & Bioinformatics. 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:

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

SKILLS:

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

SELECTIVE WORK EXPERIENCES AND INTERNSHIPS*:

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

*For additional details on work experience & skills, please visit LinkedIn: <https://in.linkedin.com/in/trivedipriyank>