PRIYANK TRIVEDI

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I am an ambitious, eager & self-motivated developer specializing in application and accessible web development with core competencies in 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:

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, C++, PHP
Databases & Frameworks	Django, React.js, PostgreSQL, PyTorch
Personal Skills	Self-Motivated, Creative Thinker, Quick Learner, Problem Solver

SELECTIVE WORK EXPERIENCES AND INTERNSHIPS*:

Jul'22-Present.   **Senior Software Engineer**
University of Texas at Austin   *Austin, TX*
- Design architecture and develop fault tolerant data pipelines for system integrations

May'19-Jul'22   **System Analyst**
Texas State University   *San Marcos, TX*
- Acted as lead developer for in-house contact tracing application 'Bobcat Trace' to reduce the spread of COVID-19 for Texas State University.
- Develop WCAG (accessibility) compliant applications, APIs & visualization tools using PHP, Python, React, PostgreSQL.
- Provide End-to-end software development including but not limited to planning, documenting, designing, development, DevOps, and maintenance.

Jun'18- Aug'18   **Machine Learning & Visualization Intern**
Skylark Innovations LLC. (www.trackmyshuttle.com)   *Ashburn, VA*
- Helped build initial prototype for tracking B2B vehicles using GPS data and defined strategies for scaling as well as integration of 3rd party services and APIs.
- 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   *San Marcos, TX*
- 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-Signal analysis.
- Built application for computer vision based human motion analysis using Kinect-V2.

Apr'15-Jun'16   **Web Designer & Developer**
Bhanu Inspirations LLC. (www.zabumba.net)   *Indianapolis, IN*
- Developed PHP/MySQL based Finance/Cash Flow Management System.
- Designed modern & intuitive UI/UX for web using various front-end tools.

Mar'13-Mar'14   **Application Development Intern**
Council of Scientific and Industrial Research - Central Salt & Marine Chemicals Research Institute (CSIR – CSMCRI, Government of India)   *Gujarat, India*
- Built Asp.net, C# based Intranet application for task management and secure data storage.
- Built secure in app Realtime Message Delivery with ticketing system for communication.

Dec'12-Sept'13   **IS Audit Intern**
Bharat Parikh & Associates Chartered Accountants   *Gujarat, India*
- Assisted in auditing companies as part of team for data integrity and information security.
- Participated in SAP ERP migration audit team.

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