PRIYANK TRIVEDI

I am an ambitious, eager & self-motivated developer specializing in application and accessible full stack development with an eye on 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 (Sorted per proficiency):

Programming Languages	Python, JavaScript/TypeScript, C++, PHP, C#
Databases & Frameworks	Django, React.js, PostgreSQL, PyTorch, AWS Serverless

SELECTIVE WORK EXPERIENCES AND INTERNSHIPS*:

Jul'22-Present.   **Senior Software Engineer**
University of Texas at Austin   *Austin, TX*
- Built various parts of high availability serverless back-end for various integrations.
- Led a cross-functional development team for early architecture design & prototype of large-scale integration. and collaborated with stakeholders across the organization to achieve complex project goals.
- Developed scalable REST & SOAP based APIs to enable efficient data consumption by downstream systems.

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 secure communication.

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