

Pansul Bhatt

SOFTWARE DEVELOPER · FULL STACK ENGINEER · DATA SCIENCE ENTHUSIAST

#308, 516 Glenrock Avenue, Westwood, Los Angeles, California - 90024

☎ (+1) 310 775 0863 | ✉ pansul47@ucla.edu, pansul47@gmail.com | **in** [pansulbhatt](#) (linkedin) | **G** [pansulbhatt](#) (github)

Education

University of California, Los Angeles

MASTER OF SCIENCE IN BUSINESS ANALYTICS (STEM designated)

GPA : 4.0 / 4.0

October 2019 - December 2020

Jaypee University of Information Technology, Wanknaghat

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING

GPA : 8.2 / 10

July 2012 - June 2016

- Technical Club Adviser, University Sports Head and University Basketball Team Captain, Mozilla Student Ambassador
- **Research Papers**
 - Green Cloud Computing - A Survey on Green Power Efficient Resource Allocation Algorithm for Cloud Infrastructure
 - An Integration Framework of 3D Wireless Multimedia Sensor Network with Cloud computing for Surveillance Applications

Technical Experience

- **Programming Languages:** (Proficient) Python, JavaScript, HTML, CSS; (Familiar) Java, C, C++, R, PHP
- **Libraries & Frameworks:** Django, Flask, React, Angular, NumPy, Pandas, Scikit-learn, NLTK, TensorFlow, Spark, Kafka, Docker, Node.js
- **Databases:** MySQL, Firebase, Redis, MongoDB, SQLite, MariaDB
- **Cloud Certifications:** AWS Business Professional, AWS Technical Professional
- **Coursera Certifications:** The Data Scientist's Toolbox, Data Science in Python, Neural Networks and Deep Learning

Experience

Goldman Sachs

ANALYST - SOFTWARE DEVELOPER

Bangalore, India

May 2018 - July 2019

- Leveraged existing systems to architect and develop scalable data-driven modules for handling business processes effectively in real-time.
- Analyzed several distributed data processing modules and improved their performance by 20x with minimal hardware footprint.
- Collaborated with globally located teams for building cross-platform products and reducing bottlenecks saving 15 hours / week.
- Architected and developed platform services which provided high availability, load balancing and zero data loss.
- Developed various ETL pipelines and data visualization dashboards for a comprehensive understanding of varying workflows.
- Developed automated jobs with 100% test coverage which were executed on deployment to ensure fewer regressions and easily perform RCA.

HashedIn Technologies

TECHNICAL ASSOCIATE - FULL STACK DEVELOPER (TECHNICAL LEAD)

Bangalore, India

July 2017 - April 2018

- Spearheaded a team of four developers and delivered a 6-month long project of an Audit Logging system for monitoring, analysis and visualization of customer usage and trends. The application was also able to host half a million daily active users without any issues.
- Performed data analysis using advanced Python concepts and libraries, which helped in taking Key Project Initiatives to enhance the system and database architecture leading to 10x performance enhancement in the Audit Logging system.
- Implemented a dynamic low-cost data archiving microservice using Python, MySQL, Redis, Docker, CRON jobs, AWS EC2, AWS S3 and AWS Glacier, to improve performance and reduce the database size.
- Worked on development, deployment and monitoring of interoperable solutions while also working closely with Pre-Sales Team for managing Projects which resulted in additional engagement with the clients and an estimated lift of 5% in revenue.

TECHNICAL ANALYST - FULL STACK DEVELOPER

July 2016 - June 2017

INTERN - FULL STACK DEVELOPER

February 2016 - June 2016

- Designed and developed a Pricing Engine module using Python, Firebase and MySQL to facilitate dynamic pricing solutions for users based on customer and market trends which generated a 12.5% increase in the user retention rate.
- Performed security analysis to identify vulnerabilities of various systems and developed an interoperable Role-Based Access Control system in Python and MySQL, thereby significantly enhancing security. Received the “**Top Performer Award**” due to effectiveness of the solution.
- Identified and fixed various bugs and performance issues in a reservation system project, increasing client's credence in the team leading to additional investment for the project and subsequent projects.

Ernst & Young

ANALYST (INTERN)

Gurgaon, India

June 2015 - July 2015

- Helped clients improve risk strategy on the “Contract Management Automation Tools” project for pre and post-award stages.
- Developed prototypes for clients for increasing efficiency in Document Management and Workflow Management.

Projects and Achievements

- Developed a product which allows vocal programming thus helping others to not be restricted due to any physical limitations. The project performed Supervised Machine Learning, Natural Language Processing and data munging, which internally modified the data into an understandable dataset to manage the conversation workflow. (**Awarded Best Project in Hashathon 4.0**)
- Developed a product which provides a communication interface to assist people with hearing impairments. The project incorporated concepts of Image Recognition, Neural Networks (CNN), ASL etc., allowing users to communicate by speaking or performing hand gestures which would be converted to the audiences accordingly. (**Awarded Best Project in Hashathon 5.0**)
- In Hackerrank, held 86th percentile in the Algorithm domain and was awarded a bronze medal in the “Week of Code” contest.
- Volunteer for Help Care Society to help underprivileged children.