# SHIKHA SHARMA

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## EMPLOYMENT

**Software Engineer**                      JPMorgan Chase & Co.                      July 2017 - Present
- Worked on a desktop-based application to design and develop **significant components**, optimize the existing logic, fix production issues, migration from legacy services to REST API and **modernization**.
- Setup **centralized logging** for applications using **Splunk**, to detect anomalies, and developed cleanup scripts
- Developed a utility for the business users to perform data fixes without technical support
- Developed a **web application** for skill assessment and learning, **end-to-end**.
- Enhanced **performance** of a nightly job by **60%** by implementing changes in the algorithm.
- Handled application deployments while reporting and fixing issues across various environments through CI/CD

**Software Development Intern**                      JPMorgan Chase & Co.                      Jan 2017 - May 2017
- Developed a website to detect credit card fraud by implementing a **neural network algorithm** in Python
- Implemented the features – automated transaction retrieval, fraudulent transaction detection, notification alerts

**Research Intern**            International Institute of Information Technology, Hyderabad            May 2015 - Jul 2015
Anusaaraka, a Natural Language Processing (NLP) R&D project
- Created a **parser** for text extraction and noise removal from data in various files
- Optimized the **loading speed** of output files generated by Anusaaraka by using browser cache mechanism
- Analyzed the layered output and performed data classification

**Game Development Intern**                      Fortuity Infotech Pvt. Ltd.                      Jan 2015 - Mar 2015
- Developed Pong, a 2D game in Haxe, a cross platform language.
- Wrote a **collision detection algorithm** and established mathematical equations for variable speed
- Gamified it further by implementing features of scores, collection of stars etc.

## TECHNICAL SKILLS

- ReactJS, Python, Java, Spring MVC, C++, Node.js, SQL, OpenEdge (Progress 4GL), Splunk

## SOFTWARE PROJECTS

Personal Website: https://shikha735.github.io (for additional information and projects)
- **Force for Good**: A website for United Way of Hyderabad, NGO to enable collaboration between blood banks & donors to simplify the donation process & reduce wastage.  *ReactJS, Node.js, MySQL*
- **Vill Learn**: An interactive and gamified learning management system for Villgro.  *PHP, MySQL, Bootstrap*
- **KonQr 3D**: A single player 3D game with multiple levels, developed using Unity 3D. *C#, JavaScript*
- **Umeed**: A website that gives information about Umeed, and lets users register. *HTML, CSS, JavaScript, SQL*

## ACTIVITIES AND AWARDS

- **Analyst Committee Hub lead** at JPMorgan Chase in 2018
- Certified **Application Security Champion**
- Five key recognition for "**Exceeding Expectations**" twice
- "**Shining stars**" award for my performance in 2018
- **Finalist** in JPMorgan's Code for Good challenge 2016, Bangalore (top 1.5% of 2000 applicants)

## EDUCATION

**G Narayanamma Institute of Technology and Science, Hyderabad** – *B. Tech, IT*. Grade - 77.55%        2013 - 2017
**Indian School of Business** – *Technology Entrepreneurship Programme* (two-year course)        2015 - 2017