

# Nishant Kukreja

SENIOR SYSTEMS ENGINEER · DEVELOPER

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## Objective

Seeking a position to utilize my skills and abilities in the Information Technology Industry that offers professional growth with being resourceful, innovative and flexible.

## Education

### Guru Gobind Singh Indraprastha University

Delhi, India

B.TECH. IN COMPUTER SCIENCE

Aug. 2011 - June 2015

- CGPA: 7.3

### D.A.V Public School

Delhi, India

SCIENCE

May 2011

- Per: 90.4%

## Skills

- Fluent in Python, Django, RDBMS
- Good understanding of C++, JAVA, HTML/CSS, Javascript and Object-orient programming.
- Familiar with Spring Boot framework
- Familiar of data modeling languages: JSON, XML.
- Good Understanding of databases like Oracle, MySQL
- Experience with Git version control systems.
- Familiar with a variety of documentation tools:  $\text{\LaTeX}$ , Markdown, ReStructured Text, etc.

**Technologies** Python, Django, Java, HTML/CSS, Javascript, Spring Boot Framework(Familiar)

**Databases** Oracle, RDBMS, PL/SQL

**Version Control** GIT

## Work Experience

### Infosys Technologies Limited

India

SENIOR SYSTEMS ENGINEER

July 2017 - Present

SYSTEMS ENGINEER

June 2015 - June-2017

- Working with Infosys Technologies from 2015 till date
- Worked majorly on scripting technologies like python for developing backend of applications as well as automations.
- Contributed to application architecture design, developing proof of concepts and integration of the modules.
- Awarded "Most Spirited Team" award with team for development of Proof of concept.

## Projects

**Project** Automation

**Client** Infosys Technologies Limited

**Technologies** Python, Fabric, SQL

**Description** This application is used by internal team for searching of usernames, passwords, database strings across multiple servers. It is also used for changing the parameters related to servers during maintenance, password changes, fail-overs.

**Responsibilities** Involved in designing and developing the application.

Made use of fabric module of python to span all the servers specified by user.

**Project** Chatbot (Proof of Concept)

**Client** Apple Inc.

**Technologies** Python, MySQL, NLTK, REST, Web Scrapping

**Description** Co-designed and developed the proof of concept version of chatbot. The POC was aimed at reducing the need for helpline in case the user faces issue in any of the clients applications. The tool was integrated with the clients single sign on authentication and consumed the REST APIs to interface with the clients issue tracker and monitor the reports.

**Responsibilities** Responsible for understanding user requirements, designing and developing the application.

Involved in designing the architecture of the application

Exposed rest API in python for application to interact with the NLTK

Developed micro-services in python and java related to clients issue tracker and COB reports monitoring

Involved in Data Scrapping and Data cleaning

Initial in porting initial code to Java

Was mainly involved in developing backend systems

**Result** The project is currently being ported to Java (spring boot framework)

Efforts are being made to incorporate learning algorithms in order to deduce realistic parameters from user session and query.

Awarded "Most Spirited Team" for the development

## Inhouse Projects

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2015 **Cricket Score Applet**, Utility for Linux to show cricket scores on panel

2016 **Sticky Notes**, Utility for Linux to stick important notes on desktop

## Awards/ Appreciations

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2017 **"Most Spirited Team"**, Received "Most Spirited Team" recognition along with my team from Manufacturing Unit of Infosys for development of the chatbot POC.