

# NUPUR DICHWALKAR

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## WORK EXPERIENCE

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### GoDaddy

Feb '16 - Present

#### Software Developer II - Email Infrastructure team - Python, C++, Bash

Tempe, AZ

- Creating new sets of **RESTful APIs** for various email functionalities with authorization, user authentication and data-logging.
- Building testing framework in the form of unit and functional tests to attain maximum coverage through **automated testing**.
- Maintain and upgrade the **CI/CD** workflow for the product.
- Enhancing the current GoDaddy Email System in terms of performance and scalability.
- Design various **monitoring** mechanisms to know the service status and performance.

### InAppAd

Jun' 15 - Aug' 15

#### Software Developer Intern - Python

New York City, NY

- Created **RESTful APIs** for web services with defined request-response message system.
- Collaborated with other team members for integration of the server-side APIs with Client-side APIs, UI and DB (MySQL and Elasticsearch)

### SAP Labs India Pvt Ltd

Jun' 12 - May' 14

#### Developer Associate - SAP Workforce Performance Builder (WPB) - C++

Bangalore, INDIA

- Created new features for developing high end recognition for recording context sensitive userhelp and rapid e-learning.
- Investigated about advantages of OCR for the product and implemented its integration for text recognition in 28 different languages.

## SKILLS

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### Programming Languages:

Python, C++, C, Java, JavaScript(basic), Bash(basic)

### Technologies:

Dovecot IMAP, Openstack, GIT, Rundeck, Graphite, Grafana, Agile(Scrum),  
CICD(Continuous Integration Continuous Deployment), Swagger

### UI:

HTML5, CSS3

### Operating Systems:

Linux, Windows

### Databases:

MySQL, Redis

## EDUCATION

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### Masters of Science (Computer Science)

Stony Brook University, New York

Aug 2014 - Dec 2015

3.3/4.0

### Bachelor of Technology (Computer Science)

Veer mata Jijabai Technological Institute (VJTI), India

May 2008 - May 2012

3.8/4.0

## PROJECTS

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### Deployment Dashboards (Hackathon) - Python, Elasticsearch

Jun'16

- A set of deployment dashboards which can be used by developers, managers, operations and support to monitor the recent changes in our software.

### Sentiment Analysis on twitter data (NLP) - Python, HTML5, JavaScript

May' 15

- Analysed the twitter data and predicted its sentiment as positive, negative or neutral for a given query.
- Designed a sentiment analysis tool that allows you to discover the sentiment of a brand, product, or topic on Twitter.

### Prediction using Data analytics (Data Science) - IPython

Dec' 14

- Predicted birth weight of an expected baby of a 28 year old mother by studying the various factors that affect child birth.
- Analysed the data gathered from **Vital Statistics Data** on Births and implemented various **regression models** in order to get the relevant results.

### SAP Employee Dashboard (SAP DKOM Competition) - HTML5, CSS3, Javascript

Apr' 14

- Devised an interactive Dashboard for the SAP Employees for registering various events, getting frequent updates, uploading their presentations for the event, giving a detailed analysis to the administrator about the participation for each event.

## ACHIEVEMENTS

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- One of the top 50 people selected by GoDaddy to represent in the **Grace Hopper Conference 2016**.
- **Winner** of department-wide **Hackathon** in GoDaddy in the year 2016.
- Actively participate in **Social Work** organised by SAP Labs India as well as Godaddy.