

# ASIS BAGGA

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## Synopsis:

Coding for me is being creative and being engaged in challenges to continuously upskill my knowledge. You shall find projects on which I have worked in the past and details about my professional experiences with enterprise companies as well as my current projects.

- I have experience with REST-Client Architecture to support HPE's Oneview Product on different programming languages such as Python, Go and Ruby and DevOps Tools as well such as Terraform, Ansible and Chef/Puppet.
- I have developed RESTFUL Architecture in Django as a side project.
- I have worked on C, GoLang, Python and Ruby programming languages.
- I have a basic knowledge on CSS and HTML and JavaScript.
- I am familiar with Data Structures and Operating Systems.
- I am comfortable with Agile Practices.
- I am ITIL Certified.

## Professional Experience:

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### *Software Engineer II at Hewlett Packard Enterprise from Feb 2020 ~ Current*

- We as a Team contribute in developing SDK's and DevOps integrations SDKs for HPE's OneView Product (Which is a Compute Solution) in Python, Ruby, GoLang, Ansible, Chef, Puppet and Terraform. Since this is an open source project my contribution is available on [Hewlett Packard GitHub Repos.](#)
- I serve in a client-facing role translating business requirements into viable, scalable OneView solutions and works with Engineering team to drive the DevOps strategy and prototype/execute on platform upgrades.
- Development Methods & Tools  
Agile Development Methodologies | Test Driven Development (TDD) | Object-Oriented
- Design & Development Tools  
Go, Python, Ruby, Chef, Puppet, Terraform, Ansible, Ubuntu, and Docker Containerization.

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### *Technical Consultant at Hewlett Packard Enterprise from Aug 2016 ~ Jan 2020*

- I have 3 years of experience in Fabric Networking that constitutes Virtual Fabrics, FCIP networking, Extended Routing. I have worked on performance and outage scenarios on Brocade and Cisco Fabric switches during my tenure as a Technical Consultant for Storages and SAN Infrastructures.
- Provided remote resolution for HPE Storage domain, such as, HPE Storages ( Enterprise Storage Array (EVA), Modular Storage Array (MSA), HPE's Enterprise Storage Libraries, and Modular Libraries as well (ESL and MSL), 3PAR StoreServ and Brocade/Cisco Directors and Stand-alone FC-SAN Switches.

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### *Worked under a MAST Engineer during my internship in Reliance JIO Infocomm Ltd. From June 2015 ~July 2015*

- I have done internship in Reliance JIO Infocomm Ltd under a MAST Engineer.
- Our key goals were to deploy fiber cables and configure routers and switches over a specific geographical area. Additionally, we were tasked to fix any issues found during this process of deployment on-the-go.

## Software Skills:

<b>Database Language</b>	My SQL
<b>Client-Side Language</b>	HTML, CSS, and JavaScript
<b>Server-Side Language</b>	Python 3, Go, Ruby, and C
<b>Project Framework</b>	Django, Bootstrap
<b>DevOps Tools</b>	Ansible, Chef, and Terraform 1.11
<b>Operating System</b>	Linux (Ubuntu, RHEL), Windows
<b>Tools</b>	My SQL Workbench 8.0, Atom, Notepad++

## **Projects: -**

- **SDK's and DevOps integrations for HPE OneView:** Being working as a software developer we continuously develop software development kits to support HPE's Product OneView over various platforms such as python, Go, and Ruby for clients to access OneView over RESTful Services and similarly develop SDKs for DevOps integration tools such as Ansible, Terraform, Chef and Puppet, in order to provide an easy and robust Synergy/C7000 infrastructure customization available via OneView Orchestration.
- **In(sight-side):** I along with my colleague build this tool while I was a Technical Consultant, there were two objectives in our mind,
  1. One was to improve the team's DA (Diagnostic Accuracy) metric which was a driving factor
  2. Second, was to help our remote consultants in assisting the Field Engineers.So my colleague and I came up with a knowledge base tool that contains a repository of all hardware part numbers and troubleshooting articles which in turn assist remote consultant while troubleshooting on complex cases.

Duration: 10+ Months

Contribution:

- I contributed toward backend, I designed and developed the views and database models for the project.
- Provided URL Mappings for internal functions.
- Authenticated Admins and Users through IIS Window Authentication and extracted user information through LDAP.
- Hosted the website on a Windows 2012 R2 Server with IIS.
- Programming Languages Used: Python, Javascript
- Packages Used: Python-Django, Ckeditor, wfastcgi, Ldap3, and Bootstrap3.
- Database Used: MySQL

## Achievements:

- OneView Hackathon and we were awarded as First Runner Ups Organization wide.
- I was awarded as 'Best Hire' from the 2016 batch.
- Few Minor Project I worked part time in HPE I consider them as my Achievements:
  1. **IOT HoloLens Project:** I contributed to a prototype designing where I created an AR Applications in Microsoft Holo-Lens through Unity Script on Vuforia. The Application was a prototype of a Trough Conveyor Belt. Which will help the Maintenance Person to view the AR Conveyor Belt Prototype in order to understand more about the product with a good AR Experience

**2. Phoenix:** Designed and developed a portal for managers to scrape the Case information from an existing website and provide a detail Excel sheet which can be utilized during as an offline resource to be utilized for other own managerial work. Based on Python 3 Selenium, xlrd, xlwt package

### Education:

Course	University	School/College	Year	Aggregate
B-Tech in ECE	Kurukshetra University	Ambala College of Engineering, Ambala	2013-2016	62%
Diploma in Electronics and Communication Engineering	Haryana State Board of technical Education	E-MAX Polytechnic College, Ambala	2010-2013	74%
X	ICSE Board	St. George's College, Agra	2009	60%

### Personal Details:

- Father's Name: Mr. Harmendra Singh Bagga
- Permanent Address: F1 Ganapati Galaxy, Sikandra, Agra (U.P)
- Date of Birth: 4 March 1994
- Language Known: English & Hindi
- Nationality / Religion: Indian / Sikh

