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ACADEMIC DETAILS

Examination	University	Institute	Year	Percentage
UnderGraduate Specialization:	*Information Technology*			
Graduation	UPTU	B.B.D.N.I.I.T. Lucknow	2017	70
HSC	UP State Board	K.I.C.Baghra Uchhuwa, Azamgarh	2011	71
SSC	UP State Board	B.D.R.Inter College Kharagpur, Azamgarh	2009	50.66

WORK EXPERIENCE

- Working as Software Developer (Python) at GajShield Infotech Pvt. Ltd. from May 2018 to till date.

- Worked at Kollmee Technology, Lucknow as Software Developer (Python) from June 2017 to December 2017.

SKILLS

- **Languages** (Python, Shell Script, JavaScript, HTML, JQuery)

- **Web Framework** (Web2py, Django)

PROJECTS

- **Virtual Firewall**

  - **Platform** : Docker
  - **Programming Language** : Python, Javascript, Jquery, HTML.
  - **Description** : The virtual firewall is a firewall device or service that provides network traffic filtering and monitoring for in a virtualized environment. Like a traditional network firewall, a virtual firewall inspects packets and uses security policy rules to block unapproved communication. It removes the constraints of having multiple physical devices. The independent monitoring of security aspects at different work places can be done efficiently by the virtual firewall without different physical devices.

- **Centralized Management System Firewall**

  - **Framework** : Web2py
  - **Programming Language** : Python, Javascript, Jquery, HTML.
  - **Operating System** : CentOS 7
  - **Description** : The Centralized Management System (CMS) is designed as an enterprise tool compatible with the existing Gajshield Firewalls. CMS is used as a tool to Control and Manage the network of multiple branches of an enterprise from a centralized Head Office. The CMS has provided various user interfaces that allows to add and update data and also control various services provided by Gajshield Firewalls. This project was an upgrade from an existing CMS implementation, All the key features of the old implementation were maintained and following new features were added.
    - New, improved and interactive UI
    - Integration with Web2py
    - Database supported services instead of data files
    - Pull and Push of configurations and data
    - Monitor all connected devices

- **Data Security Firewall**

  - **Framework** : Web2py
  - **Programming Language** : Python, Javascript, Jquery, HTML.
  - **Operating System** : CentOS 7
  - **Description** : The Data Security Firewall is a leap ahead of the traditional Next Generation firewall with Data First Approach for security. It understands organizations data and takes appropriate security measures to prevent data exploitation. The Data security firewall is self-learning, smart security solution that learns various data patterns and user behavior to identify anomalies and internal threats. It gives a better understanding of the data threat surface and allows enterprises to control them while improving overall data security health.The Data Security Firewall is a powerful and robust platform that accommodates various security solutions to help secure data and organization's network. The Data Security Firewall is powered by GajOS Bulwark and backed by Contextual Intelligence Engine for a deeper data level visibility. Deployable On-premise and both public and private cloud infrastructure.

- **GajShield Firewall**

  - **Versions** : 4.0, 4.1, 4.2, 4.3
  - **Framework** : Web2py
  - **Programming Language** : Python, Javascript, Jquery, HTML.
  - **Operating System** : CentOS 7
  - **Description** : GajShield firewall is a network security device that monitors incoming and outgoing network traffic and decides whether to allow or block specific traffic based on a defined set of security rules.These are the first line of defense in network security. They establish a barrier between secured and controlled internal networks that can be trusted and untrusted outside networks, such as the Internet. The product has Data Leak Prevention technology. It is featured with VPN access, URL Filtering, App Filtering, IPSec Tunnels, High Availability and Remote logging Worked for the core software development of the product.

- **POC Requisition System**

  - **Framework** : Web2py
  - **Programming Language** : Python, Javascript, Jquery, HTML.
  - **Operating System** : CentOS 7
  - **Description** : The POC Requisition System was build to efficiently monitor and track the status of firewall devices enrolled out for the purpose of demo and POC to the customers. The application has made the process of requesting a POC swift and easy for the sales engineers. It has speedup the process of approvals of the demo and POC applications. The application also provides a dashboard with features such as indicators for total number of devices, in-stock devices for POC. Upcoming demo and pickup of devices are also shown on dashboard. The application also features the plotting of locations of POC on the map of India so that one can get the visualization of the POC's at a glance. The application also features mail reminder system for the various events such as POC start, POC end and device pickups. The application also maintains the history of the device events user wise, also it maintains a blacklist of sales engineers whose deadlines of pickup of devices have crossed.

- **DocMan - Document Management System**

  - **Framework** : Web2py
  - **Programming Language** : Python, Javascript, Jquery, HTML.
  - **Operating System** : CentOS 7
  - **Description** : The document management system was designed and developed to help organize all of the files and data in one place. The application plays a huge role in making all the tasks related to the management of documentation easier, faster and efficient. The application maintains the critical documents and speeds up your workflow, improve accuracy and provide around the clock access to documents. The application has saved a lot of precious time in searching for a document on the computer or email attachments during the pandemic.

- **Device Management System**

  - **Framework** : Web2py
  - **Programming Language** : Python, Javascript, Jquery, HTML.
  - **Operating System** : CentOS 7
  - **Description** : The purpose of Device management system is to manage the devices and organizing their information. The organization working used to be on paper only, one had to fill forms on paper and it messed up the paperwork when particular file or form went missing. There were a lot of efforts in maintaining various forms like Appliance Form, Checkout Form, RMA, DOA, etc. Also the support team had to maintain a list for IP addresses and their status whether in use or free. The application had largely helped the company in its digital initiative.

- **CAS - Centralized Authentication System**

  - **Framework** : Web2py
  - **Programming Language** : Python, Javascript, Jquery, HTML.
  - **Operating System** : CentOS 7
  - **Description** : The Central Authentication System (CAS) is a web2py application built for a single window authentication. Its purpose is to permit a user to access multiple applications while providing their credentials only once. It also allows web applications to authenticate users without gaining access to a user's security credentials, such as a password. The CAS is synced with the LDAP of the organization and all the user data is availabe at a single click. Also the system has CRON tab facility enabled so that there is no need to sync with LDAP manually. The CRON tab is set to function after every 24 hrs to automatically sync the application with LDAP. Thus any new users or any updates for existing users are reflected. When a visitor arrives at any application web site connected to CAS, the application redirects user to CAS login page for authentication. The application checks in the session if the user is authenticated via a session.token object. If the user is successfully authenticated and logged in, the CAS appliance redirects the user to our application together with a key. Our application uses the key to get the credentials of the user via HTTPs request in the background to the CAS server. Using this mechanism, multiple applications can use a single sign-on via a single CAS server.

- **Kollmee Android App**

  - **Framework** : Django
  - **Programming Language** : Python, Javascript, Jquery, HTML.
  - **Operating System** : Linux Mint
  - **Description** : Worked for the python development part of the Kollmee application. The application is a social networking app meant for calling and chat anonymously with anyone. Kollmee is a platform where one can explore oneself through fellow kollmates, just as similar to facebook.

CERTIFICATIONS

- **Diploma in computer Application**
  From : Galaxy Electronic Institute Azamgarh. Training Period 16-10-2009-15-10-2010
  Duration : 16th October, 2009 to 15th October, 2010.

- **Core Java**
  From : HCL Varanasi.
  Duration : 01st May to 15th July, 2016.

STRENGTHS

- Positive Attitude with sense of responsibility.

- Pleasant nature & sensitive towards customer's need.

- Self-confidence, Keenness and Readiness to accept new ideas for achieving targets.

- Accept any task & work as a Challenge.

PERSONAL DETAILS

- Languages Known : Hindi, English, Bhojpuri.

- Date of Birth : 16 July, 1995.

- Marital Status : Single.