**Akanksha**

**Email:** [**akanksha.ag345@gmail.com**](mailto:prachi.kumar235@gmail.com)

**Ph #: +91-8240559057**

**Professional summary:**

* Around 4.5+ years of IT experience in Analysis, Development, Testing and Implementation.
* Experience with PingFederate, AD product for Access Management.
* Experience with Single Sign-on (SSO), SAML, Federation, Authentication.
* Experience with C Programming, Networking Protocol development and testing.
* Have experience in software Development Processes like SDLC, Waterfall, and Agile Methodologies.
* Ability to learn and adapt quickly to the emerging new technologies and paradigms.
* Excellent communication, interpersonal and analytical skills and a highly motivated team player with the ability to work independently.

**Technical Skills:**

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| --- | --- |
| **IDM Product** | PingFederate, Active Directory (AD) |
| **Languages** | C |
| **Databases/Tools** | MS-Access, MS-Excel, SPSS, GDB, GCOV, VALGRIND, WIRESHARK. |
| **Domain/skills** | Access Management, Routing and Route-Table Mgmt, TCP/IP, IPv4, IPv6 |

**Company: Ministry of Statistics and Program Implementation, Delhi (Sept 14 - Jan 16)**

**Role: Consultant**

This government department uses Ping Identity products to manage Enterprise application Single Sign on. Scope of this project was to administer the onboarded application and maintain it.

**Responsibilities:**

* Involved in analysing, designing, proposing, and delivering solutions for Access Management
* On-boarded new applications into PingFederate
* Supported existing PingFederate applications
* Facilitated UAT testing
* Promoted changes in production

**Environment:** PingFederate and Active Directory

**Company: Aricent Group, Bangalore (Oct 2010 – Oct 2013)**

**Role: Software Engineer**

**Project: Access Management (Sept 2012-Oct 2013)**

Company uses PingFederate to provide seamless Single sign-on to enterprise-wide applications. Most of the applications were using SAML federation protocol.

**Responsibilities:**

* Facilitated requirement gathering with application team
* On-boarded SAML based application to PingFederate
* Helped application team with UAT
* Promoted application into production as per change request (CR)
* Maintained existing applications (Certificate rotation on every 2 years)
* Provided L3 support

**Environment:** PingFederate, Active Directory (Employee), Sun Directory (Vendor)

**Project: NCC's IPv6 Integration (Oct 2010-Aug 2012)**

The objective of this project is to integrate IPv6 support in the system. It allows user to send only IPv4 Packets from system to connected LAN on eCos platform. On layer 3 we enhanced CFA (common forwarding agent) and integrate IPv6 stack to forwarding IPv6 packet.

**Responsibilities:**

* Low Level Design for IPv6 CFA-HCT
* Adding functionality of CFA-HCT
* Unit Testing of CFA-HCT support for IPv6
* Responsible for Daily status Report generation

**Environment:** GCC (GNU C Compiler), GDB (GNU Debugger), Cygwin, Wireshark.

**Achievements:**

Received Aricent Team Snap Award

**Education:**

* Master in Computer Application (MCA) [2007-10] from Birla institute of Technology (BIT) Mesra, Ranchi India.