

PRAGNYA SAHU

Web: <https://www.linkedin.com/in/pragnya-sahu-418009b1> Date of birth: 27/09/1994
Address: Uppal, Hyderabad Phone number: +91 8280121140
Email address: pragnya27@gmail.com

Available immediately

2.5 years of Software Development and Security Protocol Research at IIT Kharagpur.

WORK EXPERIENCE

Indian Institute of Technology Kharagpur 06/2018 – 11/2018
Research Associate in Dept. of Computer Science Engineering

- Working on authentication protocols using Cryptographic algorithms (MD5, RSA, SHA256). It is based on a Client-Server model.
- Socket programming using C/C++, Python and OpenSSL.
- Using hashing techniques for authentication of messages. TCP/IP, SSL, Network security, different possible attacks and methods to mitigate it.

ADP Private Limited, Hyderabad 07/2016 – 06/2018
Member Technical

Product: Time and Labour Management

Roles and Responsibility:

- Analyze the requirements and development.
- Coding in Java using MDF framework to create MDF component having fair idea of frameworks of other products.
- Created MDF component for the web pages. Used components with proper validation on web pages.
- Involvement in consuming the exposed web and REST services and integrating front-end with middle layer and backend.
- Fixing defects in all phases of testing.
- Developed test automation scripts using Selenium (later in Cucumber) for removing redundancy in application.
- Worked on Gherkins-Cucumber for Behavioral Driven Development
- Took the ownership of a product/features independently.
- Participate in peer code reviews.
- Perform JUnit Testing and Integration Testing for the developed code.
- Trained by company in Java, MDF, C# using ASP.net, Selenium, SQL, Javascript, Gherkin/Cucumber.

National Informatics Centre, Hyderabad 05/2015 – 07/2015
Student Intern

Description:

WORK EXPERIENCE

Creating a Cloud environment using Openstack, Linux based cloud tool and providing Infrastructure-as-a-service (IaaS).

- To run any operating system using cloud from anywhere i.e. Infrastructure-as-a-Service IaaS (Providing infrastructure to anyone, anytime, anywhere)
- No tedious installation of OS on the host.
- At a time, multiple Operating Systems can be provided using proper virtualization.
- Cloud operating system that controls large pools of compute, storage, and networking resources throughout a datacenter, all managed through a dashboard that gives administrators control.
- The tenants can be given a username and a password to use the OS and will be charged accordingly.

EDUCATION

Information Technology 08/2012 – 05/2016
College of Engineering and Technology (Govt.), Bhubaneswar, India

CGPA 8.62

Intermediate 06/2010 – 04/2012
Narayana Junior College, Hyderabad, India

Percentage: 94.2%

Matriculation 05/2010
Kendriya Vidyalaya No.1, Uppal, Hyderabad, India

Percentage: 93.1%

SKILLS

Languages

C, C++
Core Java
SQL, MySQL
Python
Javascript, React

Database

Oracle 10g/11g

Operating Systems

Windows, Linux