

LOKESHKUMAR RAVI



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Objective

To be a Professional Software Developer looking forward to an opportunity where I can utilize my professional skills that offers challenges and professional growth while being resourceful, innovative and flexible.

Education

Degree	Name of the institute	% Marks Obtained	Academic Year
B.E [CSE]	JAYA ENGINEERING COLLEGE	CGPA=6.9/10	2014-2018
HSC	SIR.M.Ct.M Boys Hr.Sec School	71.7	2014
SSLC	SIR.M.Ct.M Boys Hr.Sec School	82.6	2012

Summary of Qualifications

- Won 1st runner up in Worlds biggest innovation under the theme “Smart India Hackathon 2018” Conducted by AICTE for Government of Sikkim at Noida.
- Won 2nd runner up in Worlds biggest innovation under the theme “Smart India Hackathon 2017” Conducted by AICTE for Ministry of External Affairs at New Delhi.
- World Record Holder under the theme of Ethical Hacking Conducted by Microsoft Research community and Wikitechy.
- Active Participant of Indian Linux User Group Chennai (ILUGC) in IIT madras Every month.
- Good Front end designer, developed a project for the organization Saastrigal.org
- Organized a national level technical event in College level “Fossage17”
- Taken two webinars’ at ILUGC Meetup held at IIT Madras.
- Complete Freelancer and done Various no of projects based on web development
- Secured “A” certificate in N.C.C by Ministry of Defence, Gov.India.

Area of Interest

- Cyber Forensics and Investigations.
- Front end development with good Innovative Creations.
- System optimizations with good level of handling.
- Core development with excellent skill set.

Skills and Expertise

- **Specializations:** Cyber Security, Big Data Handling, Linux Administration.
- **Programming:** C, JAVA, JSON, XML.
- **Scripting:** Bash, Php, Python, Html5, Css3, and Js (Angular, React).
- **Development:** Neo4j, Drupal, GIT, GAE, Elastic Search, VR, Hadoop, Open Stack, OpenNebulla.
- **Tools to be handled:** Android Studio, Eclipse, Wireshark, Metasploit, SET, FlatPak, Nmap, Themler, Wamp / Lamp, Selenium, Apache Kafka, OpenSSL.

Projects Done

- **Go Sped, Application development for Government of Sikkim Pensioners**

The project is to develop the mechanism to sync the data between two Different databases located on different servers. The windows service in the sender side fetches the data from the database every 5 minutes and sends the messages to the Kafka broker. Receiver's windows service accepts the data from Kafka and feeds it into the SQL Server of receiving side with the flag received. Then the data is processed in the SQL Server to update the record.

Technology Stack: Apache Kafka, SQL Server, Visual studio.

- **Recommendation Engine for Medicinal Values.**

The main purpose of the system is to build a recommendation engine to search the marginal comparison of drugs. Approach is built based on the relevance information about the product.

Technology Stack: ELK, ReactJs Python, JSON.

- **Developed an android application for Finger Print Analysis**

Our application is developed based on Automatic Door unlocking system using Internet of Things. My role is about developing an android app for finger print analysis to open a door.

Technology Stack: Android Studio, Java, XML, FP Sensor.

- **Full-proof security (end-to-end) and data security between two web applications over the networks**

The prototype developed is a messaging application for both thin and thick clients. Our **thick client** was developed by using **python**, on the other end we developed our **thin client** with **PHP**. We Prevented the Transmission layer from Man in the Middle Attacks by packets capturing.

Technology Stack: PYTHON, PHP, AES-256, RSA-2048 & 4096, SSL/TLS.

- **Developed a Python based Quiz Application for Online Analysis**

Developed a Python based Quiz Application using QT5 Creator for Online examination to conduct various analysis to acquire knowledge among students.

Technology Stack: Python, Qt4 Creator.

- **Developed a website in Drupal for the event named FOSSAGE'17**

Developed a Drupal based website for our Technical Event under the theme of FOSSAGE'17.

Technology Stack: Drupal CMS, Linux, Apache, MySQL, Php, Bootstrap.

- **Developed a Java Applet application for Online Examination**

Developed a java based applet application with GUI that provides a way for Online examination with MCQ pattern.

Technology Stack: Java, NetBeans.

- **Created no of Viruses for System optimizations.**

These viruses are developed with an intension to attack the victim's Computer without the knowledge of user. My set of Viruses will do

- ✓ Crack Entire Computer / Corrupts OS
- ✓ Displays the Blue Screen in Display
- ✓ Delete key and registry files
- ✓ Formats the Entire Hard disks
- ✓ Create Endless Files and Folders
- ✓ Blocks the Internet Access / Shutdowns remotely.

Technology Stack: Notepad++, Shell Scripting, Linux/Windows Operating System.

Personal Skills & Strengths

- Motivating and goal oriented
- Positive Attitude
- Willingness to learn more and ability to be a good team player
- Self-Learner | Ability to tackle critical situation.
- Good logical skills and a strong technical background on System Security Optimization techniques.

Personal Details

Date of birth	July 7, 1997
Marital Status	Single
Nationality	Indian
Hobbies	Reading Books, Listening Music, Playing Carom.

Experience

- Unimity Solutions
-Training on Core Drupal (Jan 2018) 1month
- Two Stones
-Web Developer (Apr 2017 – Jun 2017) 3 months
- Freelancer.com
-Graphics Designer (July 2015—Dec 2017) 30 months

Publications

Published a magazine in the name of **FOSSAGE17** for National Level Technical Symposium.

References

- Prof. Kumaran.M (kumaran.ma@gmail.com)
HOD, Dept. Of CSE, Jaya Engineering College
- Rajesh Kumar C.V (rajeshkumar_cv@yahoo.co.in)
Newsstand Manager, Programs at Amazon.com
- Madhavi. DK (madhavi@covenantindia.net)
Technology Hiring at Covenant Consultants.

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