
Jensy Mariyam Kurian

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Personal Data:

Date of birth : 02-07-1990

Age : 24 yrs

Sex : Female

Nationality : Indian

Husband : Ancil Alex

Marital status : Married

Religion : Christian

Address:

Kottoorethundil House,
Omallee Post, Manjinikkara,
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Languages known:

English, Malayalam, Hindi

Passport details:

Passport No : P0815514

Expiry : 08/05/2026

Place of issue: Cochin



CAREER OBJECTIVE:

To pursue a challenging and progressive career, in an IT industry, where I could utilize my knowledge, skills, experience and determination in a professional environment thus, resulting in growth and success of self and organization.

EDUCATIONAL QUALIFICATION

⇒ 10th Passed from Board of Public Examinations, Kerala (March 2006).

⇒ Higher Secondary passed Board of Public Examinations, Kerala, March 2008.

⇒ Bachelors Degree in Computer Science & Engineering from M. G. University (2008-2012).

⇒ Masters Degree in Computer Science from M. G. University (2012-2014).

TECHNICAL SKILLS

⇒ PHP

⇒ Javascript

⇒ AJAX

⇒ HTML

⇒ Java

⇒ C

⇒ JQuery

JOB PROFILE:

1)IT Refix (March 2014 to Present).

IT Refix is a Hardware & software company based in cochin, India, that does Web development, application maintenance, internet marketing, software development, Laptop & Desktop Service and Mobile Phone service. I am working with this firm as **Software Engineer** and has gained experience in application development and Web development.

Responsibilities:

- Collect and document user's requirements and develop logical and physical specification.
- Research, evaluate and synthesize technical information to design, develop and test computer based systems.
- Presenting ideas for system improvements, including cost proposals.
- Lead and co-ordinate team of programmers and testers in the development of software and integrated information system, process control software and other embedded software control systems.
- Creation and implementation of a wide variety of Web-based products using PHP, JavaScript, MySQL and AJAX.
- Maintaining existing codebase, to include troubleshooting bugs and adding new features.
- Testing the product in controlled, real situations before going live.
- Maintaining the systems once they are up and running.
- Participating in a team-oriented environment to develop complex web-based applications.

TRAINING & INTERNSHIP:

- Two weeks **Professional Training** with **Regional Telecom Training Centre** in **Advanced Networking** in January, 2014.
- Five months **Internship** at **Innovation Lab** with support of Mindhelix Technosol Pvt. Ltd., Techno park in **Android Platform** in May, 20for the period December 2011 to April 2012.

ACADEMIC PROJECTS:

- 1) I did a project on the topic **“Privacy Preserving Distributed Accountability for Data Sharing in the Cloud”**. While enjoying the convenience brought by cloud services, users fears of losing control of their own data. To address this problem proposed an approach for automatically logging and auditing the data access in the cloud. This approach allows the data owner not only to audit his content but also enforce strong back-end protection if needed. We perform integrity checking to determine whether the

data is corrupted or not. Also, provide a mechanism to determine the misbehaviour of data files in the client machine.

- 2) I did a project on the topic **“Secured Mobility Controlled Java-Centric Architecture For Industrial Systems”**. The mobility characteristic of mobile agent helps the Java Mobile Agent (JMA) to travel in open network. The Mobile Agent platform is the most trusted environment for JMA which provides the computational environment for JMAs to operate. Since the codes of JMAs are executed on remote platforms, security concerns will arise. There is no technique in the current platforms to protect free-roaming JMAs from malicious Java Mobile Agent. The presented work addresses this type of attack. Further it is important to protect the retrieved data. Data transaction carried by the platform has no security. To ensure the confidentiality for data transactions in the platform an encryption technique is implemented. Another and the most important factor is that Agent creator has no control after launching a Mobile Agent. It has no control over the mobility. This paper proposes a mechanism so that Agent creator has mobility control.
- 3) I did a project on the topic **“E-tutorial”**. The aim of this site is to provide additional out-of-classroom technical help to the students by interacting with subject experts. It’s an online portal facility for students to raise their doubts to subject experts. The experts are able to view these queries and answer them. Student is able to see these replies and also search for other questions raised in the same subjects and students are able to download them.
- 4) I did a project on the topic **‘Emergency Alert’**. Emergency Alert is an android application. This application developed for women safety. Those who get into an emergency situation (like fire accidents, attacks, theft, ...) can use this application. Whenever there occur any dangerous situation user needs to press a button. Then a message contains the location of the user will send to predefined numbers. Even if anyone tries to switch off the phone after pressing the button the message will send automatically. Because the server finds the location of the mobile phone and also send the message to the predefined numbers.

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge and I solely bear the responsibility of any deviation from the facts.

Yours Sincerely,

Jensy Mariyam Kurian