

# Burusothman Ahiladas

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## PERSONAL STATEMENT

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Versatile and highly motivated Computer Science and Engineering graduate with strong team-player skills developed through 4-years of experience in software industry, seeking a challenging opportunity that allows utilization of my unique skills and exhibits my capabilities to the greatest extent, thereby accomplish both the companies and my personal goals.

## SUMMARY

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- 4 years of experience and extensive knowledge in development technologies Java, J2EE, Servlet, JSP, PHP, JavaScript, JQuery, Ajax, JDBC, Hibernate, Web Services, JSON and Swing.
- Experience in JMS, Apache ActiveMQ, Drools, Ant, Maven, Jenkins, SVN and Git .
- Experience in relational databases such as MySql, OracleDB and NOSQL databases like Hbase, MongoDB.
- Experience in developing applications using Java Play, Spring, Struts 2 and Symfony Frameworks.
- Practical exposure with Object Oriented Design and development, Design Patterns, UML, Software Development Life Cycle (SDLC) especially agile, Test Driven Development, Static Code Analysis using SonarQube.
- Experience in working with big data related technologies Hadoop. Hbase, Hive, Pig and Elastic Search.

## TECHNOLOGY AND SKILLS

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### Technologies

Core Java, Java/J2EE, JSP, Servlets, Spring MVC, Hibernate, Doctrine, ActiveMQ, Big-Data, Hadoop, Hive, HBase, Pig, Elastic Search, AWS S3

### Programming

Java, PHP, C#, C

### Web Programming

HTML5, CSS, Java Script, JQuery, Ajax, Json and XML

### Operating Systems

Microsoft Operating Systems, Mac OS X, Ubuntu

### Databases

**NOSQL** – HBase, MongoDB

**Relational** – MySQL, Oracle Database

**Embedded** – Derby, SQLite

### Analysis

Natural Language Processing, Sentiment Analysis, Data Mining

### Application Servers

Tomcat, Jetty

### Frame Works

Spring, Play, Struts 2, Symfony 2

### IDE and Tools

IntelliJ Idea, Eclipse, Netbeans, Ant, Maven, SVN and Git

### Testing

TDD, Junit, TestNG, Mockito, PowerMokito

## WORK EXPERIENCE

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- Software Engineer at Zone24x7, Sri Lanka  
April 2015 - July 2016
- Programming Fundamentals and Python Language Instructor at University of Moratuwa, Sri Lanka  
November 2014 - April 2015
- Final year Research and Development project Engineer at University of Moratuwa  
May 2014 - February 2015
- Software Engineer Intern at IronOne Technologies LLC, Sri Lanka  
November 2013 - April 2014
- Trainee Software Engineer at ATUTS, Sri Lanka.  
November 2012 - October 2013

## ACADAMIC QUALIFICATIONS

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- BSc. (Hons) Computer Science and Engineering, University of Moratuwa, Sri Lanka
- GCE Advanced Level, Jaffna Hindu College – 2009  
Mathematics – A, Physics – A, Chemistry – A, Island rank: 70

## CERTIFICATIONS

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- Diploma in Computer Hardware Engineering with networking, Turnkey 2009

## AWARDS AND HONORS

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- IEEE - Xtreme 8.0 (2014) (used C, Java) Worldwide rank – 128  
Country rank – 10
- Mahapola Higher Education (Super Merit) Scholarship Ministry of Higher Education, Sri Lanka 2010

## PROJECTS

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### **Data Access Service (DAS) development for KOHL'S department store** at Zone24x7.

Data Access Service is an end-to-end application which is used to ingest processed data to a data store and expose the said data store to the channels in outside or inside of Kohl's when it is requested.

**Technologies:- Java, Play, Hadoop, Pig, HBase, Drools, Hive, Elastic Search, Amazon S3**

- Ingest data into Hbase from Hive tables using Pig Scripting and Shell Programming.
- Unit testing of Pig scripts using PigUnit.
- Developed REST point for expose data using Java, Play Framework
- Followed TDD approach using Junit, Mockito and Power Mockito.
- Folowed code coverage, static code analysis (SonarQube).
- Migration of DAS project into Java 8 and Play Framework 2.5 .

### **Quick Verification and Validation(QV2) at Zone24x7**

Quick Verification and Validation is an automated testing framework, which can be used for testing web application without proper technical background. So any people can test their web application without writing a single line of scripting.

**Technologies:- Java, Php, ActiveMQ, Derby, Flyway, MySQL, Velocity, Spring**

- Supported implementation of QV2 standalone application using Java Swing Framework, Spring.
- Developed Result Upload Module in QV2.
- Developed Messaging Module in QV2.
- Implemented an embedded Apache Derby Database.
- Implemented ActiveMQ Messaging Module between QV2 components.
- Followed TDD approach using TestNG, Mockito and Power Mockito.

### **Ruchi at University of Moratuwa**

Project Ruchi is focused on implementing a system for recommendation of individual food items in each restaurant by analyzing customer reviews. It combines the techniques of machine learning, natural language processing and information retrieval. We used Name Entity Recognition, Sentiment analysis, Ranking Models to extract reviews, analyses sentiment of reviews and opinions and rank the food items with respect to opinion.

**Technologies:- Java, Struts 2, MySQL, Natural Language Processing, OpenNLP, JSP**

- Implemented food prediction module using natural language processing(OpenNLP).
- Research on Sentiment Analysis of foods and their respective review.
- Developed web application to show results using Struts 2 framework.

### **mLearning at IronOne Technologies**

mLearning is an C# web application which provides online virtual teaching platform developed for Sri Lanka's one of the telecom provider Mobitel. This application can be used to conduct lectures, exams, group works and sharing study materials etc.

**Technologies:- C#, SQLServer, Entity Framework, Cisco Web ex, LINQ**

- Supported mLearning project to integrate Web-Ex video conference feature to existing system.
- Implemented Stored-Procedures in MySQL database.
- Re-Structured DAO layer for better performance in mLearning project.

### **ClaimsOne at IronOne Technologies**

ClaimsOne is an Android application for Sri Lanka Insurance to claim motor insurance on the spot. Back-end is written in .net Framework. Front-End using REST services in Android Platform.

**Technologies:- Native Android, Java, .net, C# , REST**

- Supported and Developed existing ClaimsOne application to support multiple android screen sizes.
- Layout changes for large screen sizes.

### **Fundtheneedy at ATUTS**

Fundtheneedy is a charity web application, which organizes the non-government organization's projects and their beneficiaries. So everyone can get to know projects information, timeline and budget etc.

- Developed a web application using Java, JSP, Apache Velocity, Hibernate, JQuery, AJAX
- Created and Managed Relational database using MySQL.
- Database Migration using Flyway.

## OTHER ACTIVITIES

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- Visiting Instructor for Programming Fundamentals course for B. Sc. Eng. Semester-2, 2014.
- Visiting Instructor for Computer awareness program in the pre-academic term for new intake 2014.

## PERSONAL DETAILS

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Name with Initials : A.Burusothman  
Date of Birth : 10th July, 1990  
Nationality : Sri Lankan  
Gender : Male  
Civil Status : Single

## REFERENCES

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Available on Request.

I hereby certify that all the information above is true and accurate to the best of my knowledge.  
Burusothman Ahiladas