****

**K.D.C.G Kapugama**

No 85/12A,

Meththa Road,

Gonawala,

Kelaniya,

Sri Lanka.

E-Mail : [charakageethal@gmail.com](mailto:charakageethal@gmail.com)

Mobile : (+94)719 297 047

**Carrier Objective**

Apply my analytical, problem solving, innovative, programming and development skills for successful completion of projects under minimum supervision, on behalf of securing a competitive position in an organization.

**Technical Skills**

Have proficient knowledge and experience in working with:

Languages : C#, Java, C, Python, PHP, ASP.net, HTML and XML

Databases : MySQL, Microsoft SQL

Operating Systems : Windows-XP,7, Linux

**Educational Qualifications**

**Basic Degree**

**Bachelor of Computer Science (Special) Degree, University of Ruhuna, Matara, Sri Lanka**

GPA : 3.96

Class : First Class

Total Credits : 126.5

Medium of instructions : Full English Medium

Awards Obtained : **UCTIT (University Student’s Competency Test of Information Technology)** Examination. Award was obtained for selecting top 6 in Whole Island.

Scholarships Obtained : Nominated for the **ChandrapalaWeerakoon**scholarship in 2014.

Workshop attended : **Advanced Software Development Tools & Techniques**.

Two Day workshop conducted by

**Department of Computer Science**, University of Ruhuna collaborating with **SeneRu**

**Information Technologies (Pvt)** Ltd on October 26-27, 2013

Extra Curriculum Activities

1. Involving 2 projects presented for **“SahasakNimewum”** National Invention Exhibition-2013
   1. Fumigation Support System(Software Project).
   2. IR based obstacle avoidance robot.
2. Participated for the **INFOTEL-2014** exhibition with the project **“Cab Service Support System”** (see Attachment 01)

**General Certificate of Education (Local)**

G.C.E Advanced Level, 2010 (Mathematics Stream)

**Subject** **Grade**

1. Physics : A
2. Combined Mathematics : C
3. Chemistry : C

Z-Score : 1.5190

G.C.E Ordinary Level, 2007

**Subject**  **Grade**

1. Buddhism : A
2. Sinhala Language & Literature : A
3. English : A
4. Science & Technology : A
5. Mathematics : A
6. Social Studies & History : A
7. Music (Eastern) : B
8. English Literature : B
9. Geography : A
10. Business & Accounting : A

School Attended:

1. Sri Dharmaloka College, Kelaniya (A/L Mathematics, Sinhala Medium)
2. PilapitiyaMahaVidyalaya, Kelaniya (Up to O/L, Sinhala Medium)

**Professional Qualifications**

1. **TEC Sri Lanka** 2002-2005, 3 levels are successfully completed
   * 1. Level I : Certificate Course in Computer Literacy
     2. Level II : Certificate Course in Computer Studies (Basic Level)
     3. Level III : Certificate Course in Computer Studies (Intermediate Level)
2. **OCPJP (Oracle Certified Professional, Java SE 6 Programmer)**Examination is successfully completed.

**Projects Involved In Undergraduate Level**

See attachment 1:

**Research & Publications**

1. Enhancing Wikipedia Search Results using Text Mining – 4th Year Undergraduate Research Project

This research is focused on discovering a methodology, based on the theories and concepts of **Text Mining** and **Machine Learning**, to group the returned search results by Wikipedia search result page for given user input and label those groups meaningfully.

**Personal Details**

Full Name : KAPUGAMAWASANGAMAGE DON CHARAKA GEETHAL KAPUGAMA

Name with initials : K. D. C. G. Kapugama

Date of Birth : 1991.09.21

Gender : Male

Nationality : Sri Lankan

NIC : 912651649V

**References**

**Ms. Chamari I. Kithulgoda**

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**Ms. M.A.L Kalyani**

Lecturer,

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(+94)718 213 208

**Declaration**

I hereby declare that all the details mentioned above are true and correct according to the best of my knowledge and belief.

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K. D. C. G. Kapugama

**Attachment 01**

**Projects Involved in Undergraduate Level**

**Completed Successfully**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Title | Description | Technology/ Programming Language | Database Technology | Role |
| GPA Calculator and Result Analyzer  (1st Year) | Simple MATLAB GUI application which can be used to GPA calculation and plotting histogram on student marks on a particular subject | MATLAB GUI components | None | Group Leader |
| Fumigation Support System  (2nd Year) | Stand Alone Software application for performing calculation and report generation related to pest controlling technique “Fumigation”.  (Presented for SIIIP 2013 exhibition) | C#.Net,  Itext-Sharp (External library for pdf Generation) | MSSQL Server | Group Leader |
| Online Railway Reservation System  (2nd Year) | Web application for handling on-line reservation for Matara Railway Station. | PHP, | MySQL Server | Group Leader |
| IR(Infrared) based obstacle avoidance robot  (2nd Year) | Robot model , created with Arduino board and Plug and Play IR sensor, which has the ability to detect and avoid obstacles  (Presented for SIIIP 2013 exhibition) | Arduino Board,  Plug and Play IR sensor,  C programming language. | None | Support Programmer |
| Cab Service Support System  (3rd Year Final Project) | Web application for on-line deposit base reservation and tracking the cab vehicles’ locations | Asp.net,  Android.  Itext-Sharp | MySQL Sever | Group Leader |