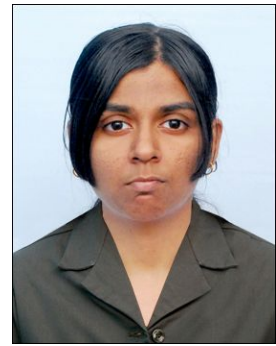## S.ASWINI - ASPIRING DEVELOPER, LEARNER AND CONTRIBUTOR

Mobile: +91-9655035872.   E-mail: aswini1405@outlook.com
Website: www.windowsgeekpro.in

OBJECTIVE

- To become part of a challenging organization that provides opportunities for personal and professional development in the field of Information Technology & Information Systems.

EDUCATIONAL QUALIFICATION

- Completed M.Tech (Computer Science Engineering – Full time) at Sri Manakular Vinayagar Engineering College (Affiliated to Pondicherry University). (2013-2015)
- Graduated MBA in Systems Management at University of Madras (2012-2014).
- Graduated B.tech Information Technology at Chettinad College of Engineering and Technology (Anna University), Tamil Nadu with an aggregate of 63.00% (2008-2012).
- Graduated 12th std (high school) at St.Joseph Of Cluny Girls Higher Secondary School, Puducherry with a first-class of 63.00% (2008)
- Graduated 10th std at St.Joseph Of Cluny Girls Higher Secondary School, Puducherry with distinction of 82.00% (2006)

CERTIFICATION

- International Certified Professional in PPM (Project and Planning Management (IT)) from CADD centre. (2012)
- DNI Certified Network Associate (equivalent to CCNA) from Dynamic Networking Institute, India. (2015)
- Oracle Certfied on Database Administation in 10g administration as well as SQL from Oracle University - Oracle workforce development program. (2010-2011)
- Certified in Information Security Expert (CISE) course. (2012)
- Certified in ASP.NET web applications development from NIIT. (2011)
- Certified in BULATS (BUsiness LAnguage Testing Services). (2008-2012)
- Certified DELF A1/A2 (French) & completed up to level 6 in French at Alliance Française. (2014)
- Certified in PHP & MySQL scored in B grade from OpenSoft, India. (2011)

COURSERA CERTIFICATIONS: (Statement of Accomplishment with Distinction)

- Data Science Specialization:- "Data Scientist Toolbox", "R Programming", "Getting and cleaning data", "Exploratory data analysis" and "Mathematical Biostatistics bootcamp-II" from John Hopkins University.
- Genomic data science specialization:- "Introduction to Genomic Technologies" from John Hopkins University.
- "Computational Neuroscience" from University of Washington, "Crytography-I" from Stanford University and "Nand-to-Tetris-I" from Hebrews University.

ACHIEVEMENTS

- Received a reward of recognition with a certificate during "Microsoft TechEd India 2014" for "Most Active Individual in Social Media" promoting Microsoft.
- Received a reward for one of the best questions asked in DevOps during "Microsoft TechEd Europe 2014".
- Received a reward for participating in "Microsoft Asia-Pacific -- We Speak Code" on 2014.

ONLINE PRESTIGIOUS "CODING BADGES/POINTS

- Github (Programmer/Developer): 4000+ yearly commits, >200 repositories
- Code School (Learner): 74650 points
- Code Academy (Learner): 24 badges, 138 points
- Coderbits (Developer portfolio): 38 badges
- Microsoft Virtual Academy (Learner): >5400 points, Platinum medal

ACADEMIC PROJECTS

Project Type: Masters (MTech) College Project (Phase-1/Phase-2)
Project Domain: Web Performance
Project Role: Individual, R&D Programmer/Developer, Designed Architectures, Research Drafting, Report writing, Time Management and Daily/Weekly Meetings
Project Name:"A fast peer-to-peer real-time transmission for enhancing the performance of web browsers"
Technologies: HTML/CSS/Javascript, Web Server as Host & Database, and used WebRTC.
Accomplishments: (check research experience under research publications)
Duration: June 2014 till May 2015 (1 year)

Project Type: Mini-Lab projects during MTech
Project Domain: Networking
Project Role: Individual, Programmer, Designed Algorithms
Project Name: (i) Centralization/Decentralization of single client/server and multiple clients/servers and (ii) Dynamic Multicasting
Technologies: Java, JDK/JRE 6, notepad, windows command prompt
Duration: February 2014 till May 2014 (3 months)

Project Type: Bachelors (BTech) College Project
Project Domain: Secure Computing
Project Role: Team Leader/Planner as well as a Core Programmer in a team of 3
Technologies: C#.NET
Duration: November 2011 till May 2012 (6 months)

Project Type: Mini-Projects during BTech (around 3)
Project Domains: Web Development, Secure Computing
Project Role: Team Player as well as Planner, Core Programmer
Technologies: HTML/CSS, C#, PHP
Duration: 2009 till 2011

RESEARCH EXPERIENCE

- Involed in web performance research (http://www.geekresearchlab.net/mtechproject & newer site --- www.windowsgeekpro.in/ashumeow)
- **Research Papers Publications:-**
  --- **"*Optimizing the performance of web browsers through data compression : A Study*"** (Will be published in Springer - LNCS this year)
  --- **"*A fast peer-to-peer real-time transmission for enhancing the performance of web browsers*"** (Waiting for acceptance)
- Blogging articles on "Quantum Computing" in http://geekresearchlab.net/quantumarticles

- ➢ **Book Publications:-**
  - Published a book in Amazon on "*Introduction to Quantum Computing*".

PARTNERS

- ❖ Has a fun part-time non-profit startup known as "Geek Research Lab" since 2012 just for the purpose of gaining practical business, strategy as well as organization knowledge as an all-rounder.
- ❖ Had built some independent stuffs making use of free resources.
- ❖ Some of the cool partners for gaining fun knowledgeable experience:

  - Intel Developer Zone Elite Partner
  - Microsoft Partner
  - IBM Business Partner

TECHNICAL EXPERTISE

Programming Language	: C, Python 2.7/3.4, Ruby 2.2, Haskell, Go, Java 6/7/8
Web Scripting	: HTML, CSS, Javascript
Data-Science	: R 3.1.3/3.2.0, RCpp, RStudio, Stata
Frameworks	: .NET, MVC, Django, Cloud
Cloud Technologies	: Google App Engine, Google BigQuery, MS Azure
Developer Tools	: Sublime Text, MS Visual Studio, Android Studio
Network Protocols	: OSI layer, TCP/IP protocol suite, Mobile Network layers
Networking software	: Cisco Packet Tracer, Wireshark
Version Source Control	: Git, Github
Shell Scripting	: Unix, PowerShell basics
Operating Systems	: Windows 7/8/10, Windows Phone 8, Android 4.3/4.4/5
Web Browsers	: IE, Chrome, Firefox, Opera, UC
Virtualization	: Vagrant, VirtualBox
Databases	: MS-Access, Oracle MySQL, IBM DB2, Mongo, SQLite
Project Management packages	: MS Project, Oracle Primavera

PERSONAL PROFILE

Father's Name	: SRIDHAR GURUSAMY		
Date of Birth	: 14 / 05 / 1991.		
Permanent Address	: NO 22 D BLOCK GROUND FLOOR, SUDANDIRA PONVIZHA NAGAR, PUDUCHERRY - 605011.		
Marital Status	: Single.	**Sex**	: Female.
Linguistic Versatility	: English, French, Hindi, Tamil.		
Religion	: Hindu.	**Nationality**	: Indian.
Passport No	: K6153802.	**Place of Issue**	: Chennai.
Date of Issue	: 07/11/2012.	**Date of Expiry**	: 06/11/2022

DECLARATION

I pledge and pronounce that all information furnished above is true to the best of my knowledge and I bearing the responsibility for the correctness of the above-mentioned particulars.

Place: Yours Sincerely,

Date: **(S.ASWINI)**