# GOWRISANKAR ARUMUGAM

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## CAREER SUMMARY

Experienced and proficient Information Technology professional, aspiring to play a key role where my skills can be utilized in a challenging environment that complements my technical and professional expertise.

## EDUCATION SUMMARY

**ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, IL**                                   Expected **May 2019**

M.S. Information Technology and Management-Data Management Specialization                  **GPA: 3.66/4**

**ANNA UNIVERSITY, INDIA**                                                       **Aug 2008 – May 2012**

B.E, Electrical and Electronics Engineering                                            **CGPA: 7.94/10**

## SKILLS SUMMARY

LANGUAGES        : Python, Java, SQL, PL/SQL, R Programming, PERL, UNIX Shell Scripting, CL/400, RPGLE, LANSA

DATABASE         : Oracle 10g, Azure SQL, MySQL, SQLite, Netezza, IBM DB2, Sqoop, Firebase

TOOLS            : Informatica PowerCenter 9.1, PowerBI, Android Studio, Vagrant, GitHub, SSIS, SSAS, JIRA

CERTIFICATIONS : Certification in Computer Programming - Department of Science and Technology, Government of India

## PROFESSIONAL EXPERIENCE SUMMARY

**Illinois Institute of Technology | Chicago | School of Applied Technology.**

**Full Stack Developer**                                                       September 2018 – Current

- Developed a grading application which helps the instructors put in percentages and grades for certificate students.
- Responsibilities include design proposal, development, testing and post production support.

**Cognizant Technology Solutions Ltd | Chennai | KBC NV.**

**Associate – Projects**                                                         June 2016 – April 2017

- Worked extensively in the development of "Data Integration and Transformation" mappings from multiple downstream sources through PowerCenter.
- Significant contributor in automating the "Pre-Mapping" load actions through PL/SQL, UNIX and Perl scripting languages and Release management through Subversion
- Worked in Agile Scrum methodology, managing team of 3, ensuring defect-free deliverables on time.

**HCL Technologies Ltd | Chennai | Performance Food Group INC**

**Senior Software Engineer / Software Engineer**                                   May 2012 – June-2016

- Performed requirement gathering, Impact analysis and Effort estimation for new business requirements.
- Developed data mappings for Slow Changing Dimensions (SCD) and Change Data Capture (CDC) of the source data from various OLTP applications. Delegated the tasks to the team and made sure all the deliverables were completed on time**.**
- Proposed and implemented application improvements, saving an estimated $340,000 per year.
- Took complete responsibility of development and maintenance of Invoicing, Purchasing and Sales Reporting modules.
- Performed unit testing on the developed code, peer testing and post implementation testing.
- Migrated the modules from V5R4 to V7R1 in AS400 and provided Go-Live Support of the modules.

## AWARDS SUMMARY

- Live wire Award (2014), Star Performer Award (2015)

## ACADEMIC PROJECTS SUMMARY

**Tweet sentiment Analyzer (Python, Azure SQL)**

- Standalone application developed using Python and twitter API linked to provide sentiment analysis and data visualizations on the tweets posted real time by using Azure SQL as the backend.

**Dr. Help – Health Care Management System (Java, JavaFX, Oracle)**

- Java application with JavaFX as the GUI and Oracle as the relational database which helps the users with functionalities to book and cancel appointments and to check the prescriptions from earlier visits.

**Used Cars Database – Kaggle.com (R, Excel)**

- Analyzed the resale price of used cars and the significance of various factors in the reselling price of the vehicle.

**YouTube Video Statistics – Kaggle.com (Python, R, Excel)**

- Performed data analysis to understand and predict the trend on how video uploads and views are growing over time.

**UrbanSpot (Java, XML, Firebase)**

- Android application suggesting nearby attraction places based on user location.