

# Jeevitha Vijaya Chouta

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## PERSONAL STATEMENT

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- Aspiring Data Scientist, recently studied Masters in Data Science at King's College, London
- 15 years of experience in Agile Software Development
- Principal Software Engineer, well organised, customer focused with proven skills on project management, team leading, design, development and support of various applications.

## EDUCATION

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Sep 2020 – **King's College, London** | Masters in Data Science.

Sep 2021

- **Semester1:** Statistics (Using R), Computer Programming (using Python), Computer Vision (MATLAB), Database & Data warehousing (MySQL - Normalisation)
- **Semester 2:** Data Mining, Big Data Technologies (Apache Sqoop, Map Reduce, Apache Spark, MongoDB, HIVE), Pattern Recognition and Machine Learning (Python), Simulation & Visualisation (Tableau)  
<https://public.tableau.com/profile/jeevitha7731#!/>:
- **Dissertation/ Individual Project:** Applying Machine Learning to Financial Markets (Stock Price Prediction) (Python: NumPy, pandas, matplotlib, Keras, tensor flow)

Jun 1997 – **NMAM Institute of Technology, Mangalore University, India** | Bachelor of Engineering  
Jun 2001 in Computer Science

- First-Class with Distinction

## RELEVANT SKILLS

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|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Programming Languages/Tools</b> | <ul style="list-style-type: none"><li>• <b>Python</b> – Sci-Kit Learn, Pandas, Matplotlib, Seaborn, Tensor flow, Pickle</li><li>• <b>MATLAB</b> – Computer Vision: Segmentation, Object recognition</li><li>• <b>SQL, MySQL</b> – build schemas, develop and optimise stored procedures, functions, triggers, index, SQL jobs, SQL database migrations.</li><li>• <b>VB, ASP, C#, Rest API, Services, Java script, CSS, HTML, XML, Ajax, Json, Mongo DB, Map Reduce, Hive, Apache Sqoop, Spark, Jenkins, Octopus</b></li><li>• <b>Azure Service Bus</b> – Integration between different applications using cloud-based solution to send and receive messages</li><li>• <b>Git</b> – Cloud Source Repository</li><li>• <b>Salesforce, Rally, Jira</b></li></ul> |
| <b>Data Analysis</b>               | <ul style="list-style-type: none"><li>• <b>R</b> – Statistics: Exploratory data analysis, Probability theory, Hypothesis Testing, Linear regression</li><li>• <b>Dashboards</b> – Tableau - created dashboards for covid related data as part of the simulation and visualisation assignments.<br/><a href="https://public.tableau.com/app/profile/jeevitha7731">https://public.tableau.com/app/profile/jeevitha7731</a></li></ul>                                                                                                                                                                                                                                                                                                                             |

## WORK EXPERIENCE

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Apr 2011      **King's Internships – Syncular.io – Consultant**

Project: Business opportunity Accelerator Project

Role: Research on 7 locations in Europe to open a new branch

Market research including SWOT Analysis, Travel Cost, Competitors, Labour Cost, Customers

Sep 2009 – Sep 2020      **Principal Software Engineer (Sep 2014 – Sep 2020)**

Senior Software Engineer (Sep 2011 – Sep 2014)

Software Engineer (Sep 2009 – Sep 2011)

**Fourth** <http://www.fourth.com/> | London

**Key Projects: (Technology: SQL, C#, Rest API, ASP, HTML, Javascript, Jenkins, Octopus)**

- **Data Analytics, Automated Data Load/Portal Splits** – Worked with analytics team and developed UK HR API and Data load API & Services to import and export customer data. <https://www.fourth.com/en-gb/operational-analytics/>
- **Report Engine** - Developed many new reports using SQL procedures and configured with the report engine.
- **Product Enhancement** – Developed various new features related to HR, Payroll, Recruitment (ATS), Labour productivity, Wage Cost Analysis on the People System web application, APIs, SQL development and optimization (stored procs, functions, triggers, indexes). Integrated with Health App for COVID & implemented Furlough functionalities.
- **System Performance Improvement** – Worked with DBAs and dev ops to improve the performance of HR & Payroll system by analysing the root cause and worked on SQL optimisation and reengineering some of the core areas.
- **Automated Deployment** – Built pipeline for all the 15+ applications using Jenkins & Octopus with dev ops teams.
- **Database and Windows Server Migrations** – Worked with Dev ops team to plan and deliver the migrations of all applications and databases
- **Integration, Single Sign-on** – Labour Productivity, salesforce integration using azure service bus.
- **PEN Test** - Worked on various changes needed to pass the PEN Test of the web
- **Release, Maintenance and support** - I was the point of contact for P1 issues, worked on various incidents, out of office support. Also worked as part of Kanban team on root cause analysis and post mortem and helped to reduce the maintenance cost. Managed the Fortnight sprint releases and unscheduled releases.
- **Product Decision Team** - being the dev representative of the Product Decision Team worked with Tech Leadership and product management team to present and discuss the technical debts, enhancements and new business

requirements. Visits to customers like Travelodge & Pizza Express head offices and meetings with the customers on the requirements and improvements

2006 - Aug  
2009

**Senior Developer**

**ANS Group Plc** [www.ansgroup.co.uk](http://www.ansgroup.co.uk) | London

**Key Project: (VB, ASP, SQL, XML, C#)**

- Membership Relationship Management System (CRM) Client: Connect UK, SBAC, ALPSP, BMF, JBS, IPEM

MRS is a web based back-office system for membership management, customer relationship management, event management, committees and all of the internal management of a modern trade association, trades union, professional body.

Feb 2005 -  
Mar 2006

**Developer, Team Lead, On-site Coordinator**

**Travelex** [www.travelex.co.uk](http://www.travelex.co.uk) | Mumbai, India

**Key Project:** Travelex Money Transfer (TMT) Client: Travelex, UK Technologies: Money Transfer agent website (HTML, ASP, VB, Java Script, MS SQL Server 2000) and Back Office administration System (MS Visual Basic 6.0) Description: TMT is a B2B application that provides an easy to use, reliable and cost-effective way to send money around the world.

Jun 2003 -  
Feb 2005

**Software Engineer**

**Expert InfoTech** [www.expertinfotech.com](http://www.expertinfotech.com) | Mumbai, India

**Key Project: (ASP, SQL)**

Project1: Garments Production and Accounting Management System

Project2: Operational Safety Performance Indicator System

Aug 2001 -  
Jan 2002

**Trainee Programmer**

**Tally solutions Ltd** [www.tallysolutions.com](http://www.tallysolutions.com) | Bangalore, India

**Key Project:** Customization of Tally using Tally proprietary Language

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**Other Achievements**

Professional Skills for a Globalised World – King's certification 2021

Certified SAFE S4 Agilest 2019

Moon Walk for breast cancer fund raising– 45Km 2019

Tough Mudder Challenge 2018

Fourth team award for support and knowledge in 2014

Winner of Fourth Hack Day 2016

Velum Employee of the Month award for 'customer feedback' in April 2009

Travelex Value Champ Award for 'Can Do Attitude and Persistence' in April 2005