



## SELVAGANAPATHY S

**IT Analyst with over 15+ years of end-to-end Product development experience across domains from ERP, E-Commerce. Specialist in DevOps, product development under Product Delivery, Support & Services vertical with customer engagement and interaction skills.**

### PROFESSIONAL EXPERIENCE - Net Avenue Technologies P Ltd

#### IT Analyst and DevOps Specialist



Feb 2014 – Present

- Re-Engineering the existing monolithic based architecture to 3-tier architecture using SOA principles.
- Leading the Performance Engineering team and achieved 2.5x better page loading time across the website.
- Adopted devops industry best practices and reduced the total CI-CD pipeline timing from 2 hours to 5 mins.
- Worked from conceptualize stage to production deployment.
- Migrated the entire suite of service tools from on-Prem to Cloud following the industry standard cloud migration strategies.
- Develop innovative solutions to complex business and technology problems.
- Reduced cost to the business by leading multiple concurrent projects.
- Formulate and define technical scope and objectives for cloud services management, nonfunctional requirements, disaster recovery, and security.
- Expertise in transforming business requirements into analytical models, designing algorithms, building models, developing data mining and reporting solutions that scale across a massive volume of structured and unstructured data.
- Experience in using various packages in python-like pandas, NumPy, SciPy, Matplotlib.
- Perform troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for internal customer service team.
- Good Knowledge in Proof of Concepts (PoC's), gap analysis and gathered necessary information.
- Design and develop end-to-end Microsoft BI solutions utilizing SSRS.
- Rewrote poorly performing, cursor-based T-SQL queries to leverage highly optimized set-based code reducing query time from minutes/hours to seconds or even milliseconds.
- Design and develop barcode print automation implementation using ZPL.

#### Technical Lead

Oct 2012 – Jan 2014

- Designed & developed a comprehensive product catalog pages which offers business the facility to customize at runtime.
- Developed tools to aid build & deployment process and for troubleshooting defects in production.
- Instrumental in educating the team & bringing software Engineering process to be a part of development lifecycle.
- Mentored and coached a batch of 10 interns part of the development team and witnessed interns contributing high quality deliverables.
- Responsible for converting several reports developed in Crystal Reports into dynamic SSRS based reports using T-SQL.
- Source Controlling, environment specific script deployment tracking using TFS.
- Developed highly optimized stored procedures, functions, and database views to implement the business logic and also created clustered and non-clustered indexes.

#### Dotnet Developer

Feb 2009 – Oct 2012

- Participated in Requirement Analysis study and Involved in requirements gathering.
- Involved in Design, Development and Testing of Windows Forms, Web Forms and Web Services using IIS, ASP.NET and XML Data-set.
- Member of Architect Team involved in re-engineering legacy framework being used in retail E commerce website
- Represented Technical team during requirement gathering phase to provide the technical review for the requirement.
- Design and develop to implemented various logistics partner API (DHL,FedEx,UPS and Others)
- Troubleshooting production environment to provide a detailed report on root cause for the issues reported and providing solutions.
- Used ADO.NET extensively to access the database.
- Created, modified existing Stored Procedures, Views, and Functions in SQL Server.

#### Classic ASP Developer



Aug 2007 – Jan 2009

- Experience developing in Classic ASP/VB Script
- Familiarity with JavaScript, XML, SOAP, HTML, AJAX, SQL, ADO, CSS
- Operational knowledge of classic ASP programming and JAVA script programming.
- Worked on POC using different technologies like IIS Rewrite role, SQL maintenance Job and expanded my technical knowledge breadth.

#### SSI | Trainer and Programmer



Oct 2006 – Jul 2007

- Developed form designer & editor to customize the patient detail form that is displayed to doctors.
- Developed tool, which creates C#class template code to achieve code format consistency across projects
- Developed end to end online Evaluation tool used for trainee/intern recruitment

### ACADEMIC & CERTIFICATION

- Master of Science (Software Engineering) | 2006 | AVC College of Engineering
- HSC | Tamilnadu State Board | 2001
- SSLC | Tamilnadu State Board | 1999

### SKILLS

Languages/Framework	C#, .NET, Python, CI-CD Automation, ZPL
Web Technologies	ASP.NET, JavaScript, HTML5, CSS, REST, WEB API
Cloud Technologies	AWS, Azure, OnPrem to Cloud Migration, DevOps
Architecture	OOAD, MVC
Databases	SQL SERVER, My Sql, MongoDB
Reporting Service	SSRS
SW Methodology	Agile
Tools	Anaconda, SSMS, Visual Studio, Notepad++
Configuration	Azure DevOps, GitHub, SVN, VSS
Monitoring tools	NewRelic, Zoho Site 24X7
CDN	Cloudflare, Akamai

### COMPETENCY

- Application SW Development
- OnPrem to Cloud Migration
- DevOps, End-End automated CI-CD pipeline
- Solution Oriented Thinking
- Software Architecture
- System Design, API Design, Legacy to modernize
- Monitoring and Serviceability
- Data Analyst
- Strategy thinking & Innovation
- SQL DBA and Development
- Performance monitoring and optimization

### PROUD OF

- Continuous & Quick Learning
- Structured Problem solving
- Troubleshooting
- Coaching, Mentoring
- Customer perspectives
- Always Customer First & Satisfaction
- Thrive to achieve First Time right