

NANDAKUMAR.P.S

OBJECTIVE

To enable business with software engineering services continually, leveraging software engineering expertise specially in the area of requirement management and software testing and, thus contributing to the optimal business productivity

PROFESSIONAL CERTIFICATION AND EXPERIENCE



IBM Certified Specialist – Rational Test Management and Robot

IT EXPERIENCE SINCE
1993.

Currently employed as **Software Engineering Consultant** with **Astra Infotech Private Limited, Chennai.**

- Instrumental in success of Technopark Software Engineering Competency Centre (**TSECC**, a non-commercial, joint initiative of **Technopark - Govt of Kerala** , **IBM Rational Software**, and **Astra Infotech Pvt Ltd, Chennai.**
- As part of various assignments, I have interacted well with CEOs, senior Government officials, and various personnel across hierarchy in software development houses.
- Presented a Paper in **Rational Software Development Conference 2006** in Requirement Management area.

Skills -

- Excellent Customer & Inter-personnel relations
- Project Management (Currently managing a team of more than 30 software test engineers)
- IBM **Rational Unified Process**, IBM **Rational RequisitePro**, IBM Rational Test Manager, IBM Rational Robot
- Knowledge and practice experience of setting up IBM Rational Unified Process, industry standard software engineering process framework
- Enabling corporate teams on **Software Testing** and **requirement management** using Software engineering tools from IBM Rational.

Clients -

Vikram Sarabai Space Centre (Trivandrum), **National Infomatics Centre** (Trivandrum), **COVANSYS** (Chennai), **IBS Software Services (P) Ltd** , **SUNTEC** (Technopark, Trivandrum) , **Information Kerala Mission**(Trivandrum) , **Trivandrum**, **PREMIER POLYTRONICS** (Coimbatore), **Cochin Computer Systems** (Kottayam), etc..



corporate office: #1732, vasantham colony, 18th main, anna nagar, chennai - 600 040, india;

phone: +91 44 2618 2685, **fax:** +91 44 2618 0699

development centre: park centre, technopark campus, thiruvananthapuram - 695 581, india;

phone: +91 471 304 3443

info@astrainfotech.com, www.astrainfotech.com

Functional skills in Requirement Management

- Identify and classify the requirement documents.
- Elicit the requirements from the documents as Stake holder Request, Vision Document, SRS, Use cases etc.
- Identify the high risk requirements by brainstorming with the team and help the team to document it.
- Organizing the requirements, prioritizing the requirements and managing the requirement changes, and track changes that affect them.
- Establish relationships between requirement for better impact analysis and coverage analysis.
- Facilitating the process.

Generating SoDA report from RequisitePro.

Functional Skills in Software Testing.

- Identify the Objective and Scope.
- Creating Test Plan
- Test plan review
- Identify the Test inputs from the requirements document.
- Create Test cases based on the requirement Based on FURPS +
- Establish Relationship with requirement to make sure the coverage
- Create the test cases with sufficient Test Data using different testing approaches.
- Identify the candidates for automation.
- Create Automated scripts with test automation tool with appropriate validations.
- Create Suites by organizing test cases in sequential flow.
- Execute Manual and automated test cases.
- Reports bugs in case of unexpected behavior.
- Analyse the results/defects and suggest the improvement plan.
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1999–till date Astra Infotech Pvt Ltd., Chennai , India.

Promoted to Software Engineering Consultant.

1997–1999 Astra Infotech Pvt Ltd., Chennai, India.

Project Manager.

- Involved in the development of a project for Automotive Component Manufacturing Companies, named **Smile**.
- Involved as a Project Leader in the development of a product called **SoftEye** – an Ophthalmic Software for eye clinics and **Sopanam**, a Temple Management Software.

1993–1997 Traders & Traders., Chennai, India.

Project Leader.

Involved in the development of modules for Inventory and Financial Applications for the in house application development.



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