

DINESH KOTIPALLI

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OBJECTIVE

Senior Software Consultant, CSM Certified Scrum Master with over 10+ years of experience in IT and a strong understanding of all phases of product development with concentration on design, testing, support and implementation of various design software applications.

WORK EXPERIENCE

Scrum Master responsibilities in Hexagon Capability Center India

May 2013 to Present

- Scrum Master for Five Scrum teams of 7-10 members each, with focus on guiding the teams towards improving the existing workflow to deliver quality product to customer.
- Responsible to facilitating daily scrum, sprint planning, sprint demo and retrospective meetings.
- Knowledge of agile methodology and frameworks like Scrum, Kanban XP, etc.
- Forecast the numbers of deliverables possible in an iteration, which is based on evidence and reliable source.
- Expert in estimation and planning. Which would help create useful, reliable and practical plans for software development projects.
- Good coach in Agile practices. Can coach individuals and interactions over processes and tools.
- Help team or individual to clarify goals and actions to achieve them.
- Ability to shield team from outside distractions and interferences.
- Ability to ensure the correct use of scrum process.
- Ability to track and remove impediments.
- Facilitate his team for better creativity and tries to improve the efficiency of the development team.
- Arranged daily stand-up meetings, facilitate meetings, schedule meetings, demo and decision-making processes in order to ensure quick inspection and proper use of adaptation process.
- Helps product owner to make the product backlogs in good shape and make them ready for the next sprint.

Additional responsibilities apart from Scrum Master

- Certification of Smart 3D (S3D) software.
- Create test plans and perform planning activities
- Execute tests based on provided test cases
- Provide feedback and report results of testing to management and stakeholders
- Effectively use test management tool to maintain and execute test scripts
- Perform functional and regression testing
- Supports QA Management on specific QA aspects of a major application and projects
- Interprets specific aspects of QA findings and protocols for QA Management
- Documents, tracks and verifies defects and fixes in assigned applications

- Prepare release plan as a QA Manager and make sure to meet the deadlines by coordinating with the development team.
- Communication and coordination of work with test automation team
- Identification of project risks and development of mitigation strategy for these risks
- Strong knowledge of testing processes and excellent in defect tracking
- Basic knowledge of approaches for web-application automated testing
- Strong knowledge of SQL scripting and database structure

Worked as a DESIGN ENGINEER, Conceptia Software Technologies Pvt. Ltd

Mar 2011 to Apr 2013

- Modeling of blocks for various vessels.
- Generation of production drawings & nesting for blocks.
- Familiar with hull materials specification for ships, Maritime standards and codes.
- Preparation of BOM for hull structure & out fittings.
- Total weight & COG calculation of hull structures and outfitting of marine vessels.
- Familiar with preparation of docking plans for vessels.

Worked as a PRODUCTION & QA/QC ENGINEER in “Visakha Ship Building Pvt. Ltd”

June’09-Feb’11.

- Exposed to hull structure, drawings, fabrication work of ships.
- Familiar with welding techniques used in ship building.
- Familiar with pipe testing & failure in marine systems.
- Familiar with hull materials specification for ships.
- Involved in NDT for Fabricated & Welded aspects of the vessel.
- Involved in erection of jet propulsion system of the vessel.
- Exposed to welding techniques like Arc, MIG, TIG, and SMAW.
- Involved in NDT for Fabricated & Welded aspects of the panels.
- Familiar with the drawings of “HATCH COVERS” the vessel.
- Involved in Fabrication & NDT of HATCH COVERS for the vessel.

ACADEMIC PROJECTS

Effective Control of the Painting Robot using Microcontroller

- Designed a robotic arm to paint which is controlled by the microcontroller.
- Operated the arm with the help of an A.C. stepper motor.
- Programmed the robot to move along y-axis to precisely paint at required areas.
- Reported the economic feasibility and consistent design of the robot with the present technology.

Design and Testing of the Marine Piping System

- Studied the technical aspects of pipes, welding process, piping systems and their usage in ship building industry.
- Conducted the testing on pipes and concluded the pipe failure due to erosion, abrasion, misalignment, pitting, corrosion and low temperatures.
- Suggested pipe designs to deal with the pipe failure in a more effective way.

SOFTWARE

- Exposed to and experienced in using engineering software including:
 - AVEVA MARINE
 - AUTO CAD
 - TRIBON M3
 - CATIA V5
 - MECHATRONICS®
 - S3D
- Proficient in Microsoft, C, C++, Java, MS Office.
- Proficient in writing automation scripts using Selenium.

EDUCATION

Master of Science in Manufacturing Management Birla Institute of Science & Technology, India	CGP- 7.2	Jun'2011 - May'2013.
Bachelor of Technology in Mechanical Engineering Jawaharlal Nehru Technological University, India	CGP- 6.8	Nov'2005 - Apr'2009.
Senior Secondary Board of Intermediate, India	CGP- 8.2	Jun'2003 - May'2005.
Higher Secondary Indian Certificate of Secondary Education, India	CGP- 7.0	Mar'2003.

TECHNICAL SKILLS

- Experienced in engineering design and machine drawing.
- Exposed to welding techniques like SMAW, Spot, TIG and, Plasma.
- Experienced in DPT, MPT and Visual Inspection etc.
- Tested performance of several turbines and pumps in addition to calibrating the venturimeter and Orifice meter.

ACCOMPLISHMENTS

- Headed the team that organized MECHRONINS'08, a technical symposium held at Chaitanya Engineering College.
- Received Finalist position at FOTO FEST event held at IIT, Kanpur.
- Participated in Hexagon Local show casing the S3D new features.
- Represented Hexagon in external Volleyball tournaments.