VEDANTHAM SRINIVASA PRASAD

SOFTWARE ENGINEERING MANAGER

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SKILLS

- Agile/Scrum methodology
- Servant leadership
- Collaboration
- Communication
- Coaching
- Team management

TECHNICAL

- Object programming
- C, C++, Java, C#
- .Net, Javascript, NodeJS
- SQL Server, Snowflake
- MSRS, JRS, PowerBI
- ETL
- Knowledge of AWS
- Familiar with Python

AI TOOLS

- Perplexity
- Bolt.new, Cursor
- Claude

EDUCATION

- Bachelor of Science
- Dip. in Soft Tech

AWARDS AND HONORS

- Above & Beyond
- Spot Awards
- Super Squad
- Best Power Team

PROFILE SUMMARY

Results-driven Software Engineering Manager with 8+ years of hands-on, 3+ years in technical leadership role and 5+ years of people management, leading software development teams. Proven track record of delivering high-quality products, optimizing development processes, and fostering collaborative environments.

EXPERIENCE

Oct'21 - Jan '24   PowerSchool   Eng Manager

- Lead multiple scrum teams (5-8 engineers each), in the design, development, and delivery of Analytics dashboards, product enhancements and ETL.
- Lead the Assessments project and was successful in reducing the backlog of 500 tickets to a single digit within 6 months, with a team of ten engineers increasing the CSAT.
- Automation for student assessments reducing 60% development time and increased delivery
- Instrumental in forming a new team and bring the knowledge from onsite to India development center to start contributing to the feature enhancements
- Study of data model of new products and design the warehouse for reporting analytics
- Made the team successful in implementing the ETL to populate the data from data lake to warehouse using connectors for new products
- Analytics dashboard development for various products using strong backend queries
- Review with senior leadership team at regular intervals on teams' productivity and improvements
- Partnering with product owners to brainstorm on various enhancements and creating epics and stories along with proper acceptance criteria.

Jan'06 - Jan'21   SumTotal Systems   Eng Manager

- Grown from IC to Manager contributing to various verticals like LMS, LCMS, TM, Reporting and Analytics, mobile
- Responsible for migration of content management system from legacy javascript to .Net framework
- Instrumental in implementing move from MSRS to Jasper Reporting Server, 2 months earlier than estimated time of 8 months. Migration of existing MSRS reports to Jasper converting 4500 reports of about 120+ customers spanning 1 year, with 5 engineer team
- Managed a team of external contractors for content generation application
- enhancements for a customer Accenture
- Managed a scrum team to deliver the customizations for LMS mobile app for Samsung

Nov'04 - Jan'06   XPro   Developer

- Delivered the clinic application for eye care involving modules like Patient, Doctor,
- Appointment, Prescription, etc., using Visual Basic with SQL Server to store data
- Responsible for delivering the application with time-to-time enhancements along with managing the peer developers and qa.

💼 TECHNICAL/PROJECT EXPERIENCE

POWERSCHOOL

- Assessments Project: (Node.js, Azure SQL db, AWS Snowflake db, Docker| team of 8)
- Design connector, Load data from excel sheets, process scores, determine grades per the school norms
- Deploy on Azure/AWS tenants and complete QA cycle using Analytics charts for accuracy

ACHIEVEMENT/IMPACT

- Closed long pending 600 tickets in a span of 3 months against targeted time of 6 months there by saving the budget and increase in CSAT
- Automated the process into a tool incorporating the intelligence of choosing proper data fields for various subjects introducing an excel template

Student Interventions: (javascript, Azure SQL db, AWS Snowflake db, Figma, Docker | team of 6)

- Partnered with product management for data model design using Lucid Chart
- Data load by connectors, replicate data from data lake to warehouse db, ETL design
- Front end design using Figma, implementation using Angular JS 3.0

ACHIEVEMENT/IMPACT

- Quick delivery without high quality within stipulated release cycle
- More customers have joined to choose this module thereby increasing the org revenue

ETL Report

- Automated the daily ETL report to be delivered across the leadership team using Snowflake, Python, AWS S3 bucket

IMPACT

- Saved 2 resources time
- Report lag time reduced to 15 min

💼 SUMTOTAL SYSTEMS

LMS - Learning Management System
Implemented the following in the entire application consisting of 1500 screens

- Accessibility 508c section rules using JAWS 2.0 (text to speech tool for blind)
- In-house migration tool development in C# (.NET 3.0) to convert from legacy js to .Net framework
- Code coverage using NCover for better unit test and improve code quality
- Logging using log4net to improve traceability and debugging
- Telerik controls for all HTML objects
- Web meeting tools like Webex, Goto meeting
- Notification service to serve various types of notifications to end users
- Performance tuning using various SQL DMVs to achieve 50K concurrency

Content Management System

- Content development to be compliant with SCORM 2004 norms
- Customizations for Accenture

BI - Reporting Analytics

- Warehouse data model design using DIMs and FACTs
- ETL design using SSIS
- Report authoring tool in C# that generates SSRS script for a report
- Design for migrating SSRS report server to JRS- Jasper Reporting Server
- Report conversion tool in C# to convert SSRS reports to JRS

Mobile App

- Used MVC architecture using ionic framework to implement each page that can serve on both IOS and Android platforms
- Delivered various enhancements – Carousel, Personalization, crowd sourcing, chat bot using Alexa, Fingerprint and Face recognition security, OAuth 2.0, Linkedin Learning, Video streaming, etc. for Samsung – bringing $1.5M revenue to org
- Kafka server for serving high volume of push notifications
- Deploying to the Apple store and Play store