Harshitha Puvvala

Detail-oriented and innovative Senior Software Engineer with 5 years of experience. Easily communicates complex technical requirements to non-technical stakeholders. Excellent leadership record of leading development teams in enterprise-wide development projects.

Contact

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Skills

Client requirements

Algorithm implementation

Database programming

Scalable software deployments

Product development

Big data analysis

Software Development

Software Documentation

Analytics

Requirements gathering

Programming

Work History

2021-10 - Current

Research Analyst

Saint Louis University, St Louis, MO

- Designed Web based Interface for Tele-pathology application.
- Conducted studies on Edge network and Live Microscope and role of each in Tele-pathology product development.
- Validated incoming data to check information accuracy and integrity while independently locating and correcting concerns.
- Implemented Interactive tool for language translation for Minority languages.
- Gathered, arranged and corrected research data to create representative graphs and charts highlighting results for presentations.
- Streamlined research processes to meet tight deadlines for multiple projects.
- Analyzed statistical data using both modern and traditional methods.

2019-02 - 2021-02

Co-Founder

H-BOTS

- Designed and developed companies foundation product and all of its software programs
- Designed distributed algorithms and systems for Tele medicine robot and Autonomous Robot
- Managed both domestic and international

Software

Python
■ ■ ■ ■ ■
Excellent

SQL
■ ■ ■ ■ ■
Excellent

JAVA
■ ■ ■ ■ ■
Excellent

Machine learning
■ ■ ■ ■ □
Very Good

Adobe Experience Manager
■ ■ ■ ■ ■
Excellent

Robotics Operating system
■ ■ ■ ■ □
Very Good

JIRA
■ ■ ■ ■ ■
Excellent

Agile
■ ■ ■ ■ ■
Excellent

cross-functional teams: engineering and production factories.

- Managed process re-engineered project to improve consolidated end to end service processes, restructured communications among departments
- Drafted and maintained business requirements and aligned them with technical and functional requirements.
- Led research team of 50 on AI and Ml projects and successfully met key milestones.
- Aligned organizational objectives with company mission, increasing revenue, profit and business growth by collaboratively developing integrated strategies
- Developed key operational initiatives to drive and maintain substantial business growth
- Drove implementation of new market expansion to propel business forward and adapt to market changes
- Conducted target market research to scope out industry competition and identify advantageous trends
- Collaborated with development teams, internal customers and product line management to verify delivery of desired quality requirements to distributors
- Shaped solutions and approaches by leveraging trends in customer marketplaces and industries
- Reviewed individual department performance and worked with leadership to improve processes, procedures and practices.
- Developed key operational initiatives to drive and maintain substantial business growth.

2016-11 - 2019-02

Software Engineer

Accenture

- Worked on AEM5.6, AEM6.0 and AEM6.2
- Developed components, Customized out of box components in Adobe experience Manager

(AEM)

- Customized workflows created user groups and permissions in Adobe Experience Manager
- Implemented live copies , blueprints ,performed language translations and Digital Assets Management.
- Implemented Content migration from AEM5.6 to AEM 6.2.
- Worked with content authoring team and authored web pages.
- Practiced agile development methodologies.
- Worked with change management/ Release managers on evaluation of change events.
- Track incidents and assist project manager with planning and delivery of production defect fixes and maintenance release.
- Identify improvements in logging, monitoring and support documentation.
- Manages client impacting incidents including business impact assessment, technical resolution, engagement, and communications.
- Ensures monitoring alerts and systems events are assessed, prioritized, and managed.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Supervised team of developers and business analysts engaged in project for creation of new system.

Education

2021-08 - Current

Master of Science: Computer Science

Saint Louis University - St Louis, MO

2019-01 - 2020-01

MBA: Business Administration And Management

Indian Institute of Management - Bangalore

2012-06 -

Bachelor of Science: Computer And

2016-06   **Information Sciences**

Osmania University - Hyderabad

Awards

- Best Product in Tech by Government of India
- Women in TECH Award 2020
- Saint University Non- Resident Graduate Scholarship Award 2021
- Innovative Product Award August Fest
- Outstanding Paper Presentation Award 2015
- Outstanding Contribution to Big Data Analytics India Award for research on Breast Cancer