**Harish Naidu Gaddam**

Dallas, Texas, USA

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**EDUCATION**

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**Master of Science in Computer Science,** University of Texas Arlington **January 2023 - May 2024**

**Bachelor of Technology in Computer Science,** REVA University **August 2018 - May 2022**

**KEY SKILLS**

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* **Programming Languages & Frameworks:** Java, Python, SQL, C/C++, JavaScript, HTML5, CSS3, React.js, MongoDB, Node.js, Docker, Kubernetes, Model-View-Controller (MVC), REST APIs, Spring Framework
* **Development Tools & Version Control:** Microsoft Visual Studio Code, GIT, Figma, Microsoft Excel, Power BI, JIRA.
* **Cloud Technologies:** Microsoft Azure, Amazon Web Services
* **Software Engineering:** SDLC, STLC, Scrum, Agile.

**EXPERIENCE**

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**Research Assistant August 2023 – May 2024**

**UT Arlington Research Institute (UTARI), Dallas-Fort Worth Metroplex**

* Designed a Python tkinter GUI for an Arduino-powered exoskeleton glove, replacing hard-coded values with a dynamic interface. Enabled real-time adjustments of angles, pressure, and operational commands, resulting in a 50% increase in system adjustability.
* Integrated a Digital-to-Analog Converter (DAC) system for superior data processing, improving system responsiveness and reliability by 40%. Implemented interactive controls to enhance user interaction and engagement.

**Jr Software Engineer January 2022 – December 2023**

**Indegene Pvt Ltd, Bengaluru, INDIA**

* Developed and integrated a new feature to streamline email template creation, reducing creation time by 30% and accelerating time-to-market for campaigns.
* Optimized the Veeva Approved Emails approval process, cutting down average approval time by 15 hours per email and boosting content creation agility.
* Developed a variant system to minimize content duplication by 80%, significantly saving time.
* Enabled the reuse of pre-approved variants in templates, achieving a 95% reduction in content related MLR approval cycles.
* Contributed to code reviews to maintain code quality, resulting in a 30% reduction in post-release defects.
* Engaged in cross-functional team discussions and reviews. Utilized Git for version control, streamlining code collaboration and ensuring 17% faster integration of new features.

**Software Engineer Intern September 2021 – December 2021**

**DXC Technologies, Bengaluru, INDIA**

* Led the development and enhancement of a web application, increasing user engagement by 10% and user satisfaction by 20%.
* Worked with an 8-member cross-functional team to deliver a complex software project, participating in all stages of the SDLC from requirements analysis to deployment, ensuring timely delivery and exceeding client expectations.
* Conducted thorough unit testing, reducing post-deployment errors by 60% and enhancing system reliability.

**PROJECTS**

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**Medi Assist** - Associated with The University of Texas at Arlington

* Developed a healthcare management system using MERN Stack, enhancing appointment booking and user management, which increased scheduling efficiency by 40% across five Agile sprints.

**Semantic Search Engine** - Associated with The University of Texas at Arlington

* Created a semantic search engine that leverages NLP techniques and Elasticsearch to enhance functionality by understanding the context of user queries. Integrated sentence embedding models for accurate semantic similarity assessment and designed a user-friendly interface with Stream lit, boosting user engagement.

**Awesome To-do** - Associated with Indegene

* Built a responsive To-Do application with the Vue JS Quasar Framework and Firebase, showcasing skills in developing and deploying interactive interfaces with real-time backend services.

**ACHIEVEMENTS & CERTIFICATIONS**

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* **Certified in Agile Project Management (PMI)**
* **Hacker Rank SQL (5-star) Advanced Certification - (Hacker Rank)**
* **ReactJS Frontend Developer Certificate – Hacker Rank - (Hacker Rank)**
* Runner-up in the 2024 Data-thon at UTA
* 1st place in the 2022 REVA Hackathon
* Recipient of the Merit Scholarship from Bangalore South Centre, India