Vishwas Mattur Harish

vmharish@asu.edu | (623) 213-4906 | linkedin.com/in/vishwas-m-h | https://sqvish99.github.io/vishwas-app

Education

Master of Science in Computer Science   Expected May 2025
Arizona State University, Tempe, Arizona (Current GPA: 4.0)
Relevant coursework: Artificial Intelligence, Natural Language Processing, Software Security. Biocomputing

Bachelor of Engineering in Computer Science and Engineering   April 2020
Sir M Visvesvaraya Institute of Technology (affiliated to Visvesvaraya Technological University), Bengaluru, India

Skills

HTML, CSS, JavaScript, React, Redux, TypeScript, Angular, Figma, Git, NodeJS, ExpressJS, API, SQL, Python, PHP, XML, GraphQL, Selenium, Microsoft Office, Webpack, Web Development, Agile, Jira, AI, NLP

Professional Experience

Software Developer III, UST, Bengaluru, India   January 2023 – July 2023
- Spearheaded the design and implementation of high-performing software solutions, utilizing ReactJS, Node, Express, and SQL, resulting in a 20% enhancement in application performance and improved user experience.
- Improved API response times and failure rates by implementing GraphQL APIs while reducing server load.
- Led the team in establishing new auto-deployment pipelines and automated test cases, streamlining development processes, and boosting software testing efficiency by ~30%.

Software Engineer, Piktorlabs, Bengaluru, India   September 2021 – January 2023
- Collaborated with cross-functional teams to develop user-centric interfaces for 4 projects.
- Mentored 2 junior colleagues, accelerating web application delivery, and saving project resources by 15%
- Crafted a client-specific web application from scratch, delivering a tailored solution 10 days ahead of schedule.

Associate Software Engineer, Accenture, Bengaluru, India   December 2020 – September 2021
- Achieved a 25% increase in code coverage through refined automated tests using ReadyAPI and Selenium.
- Diagnosed and rectified over 50 API errors, substantially enhancing application stability.
- Executed over 100+ automated and manual tests on healthcare applications, providing detailed feedback that led to a 15% reduction in error rates, while ensuring full compliance with PHI confidentiality and security standards.

Software Engineering Intern, Samartha Infosolutions, Bengaluru, India   July 2019 – August 2019
- Engineered a cross-platform reporting solution, resulting in a 20% improvement in operational efficiency.

Community Experience

Teaching Volunteer, Abhikalpana Trust, Bengaluru, India   August 2017 – August 2020
- Empowered over 100 underprivileged children, contributing to a remarkable 10% reduction in school dropouts.
- Coordinated two medical camps, providing health check-ups for more than 60 children.

Board Member, Abhikalpana Trust, Bengaluru, India   August 2019 – August 2020
- Orchestrated 2 impactful fundraising events, exceeding set goals and benefiting diverse social causes.
- Pioneered an effective online outreach approach, driving a 100% increase in social media engagement.
- Catalyzed a Climate Change Awareness Campaign, assigning key responsibilities to nearly 80 volunteers.

Academic Projects

Reinforcement Learning for Language Models   December 2023
- Developed RL models to improve logical reasoning capabilities of Large Language Models.

Food Decoder   January 2020
- Created a Deep Learning model to generate recipes from images with an accuracy of 80%.

Atari Breakout   March 2018
- Reconstructed the iconic brick and ball game by Atari using OpenGL.

Factory-Outlet Database System   March 2017
- Developed a comprehensive GUI tool for the creation and administration of orders and customer management.

Languages

English, Hindi, Kannada