

# Vishwas Mattur Harish

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## 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, Angular, TypeScript, Git, NodeJS, ExpressJS, API, SQL, Python, PHP, XML, GraphQL, Selenium, Microsoft Office, Web Development, Agile, Jira.

## 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.
- 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.

### **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