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

Professional Experience

Software Developer III, UST, Bengaluru, India   January 2023 – July 2023
- Designed and implemented high-performing software solutions leveraging ReactJS, Node, Express, and SQL, leading to a vital 20% enhancement in application performance resulting in improved user experience.
- Collaborated on design and development of 3 web applications, adding value to the client's portfolio.
- Led the team in setting up new auto-deployment pipelines and automated test cases, streamlining the development process and enhancing the overall software testing efficiency.

Software Engineer, Piktorlabs, Bengaluru, India   September 2021 – January 2023
- Constructed responsive user interfaces using HTML5, CSS3, and ReactJS for 4 client projects.
- Mentored and guided 2 junior developers, fostering their professional growth and development.

Associate Software Engineer, Accenture, Bengaluru, India   December 2020 – September 2021
- Boosted code coverage by 25% with enhanced automated tests using ReadyAPI and Selenium.
- Identified and resolved 50+ API errors, improving application stability significantly.

Software Engineering Intern, Samartha Infosolutions, Bengaluru, India   July 2019 – August 2019
- Developed an advanced cross-platform reporting solution using HTML, CSS, PHP, XML, and SQL, boosting operational efficacy by 20%

Community Experience

Teaching Volunteer, Abhikalpana Trust, Bengaluru, India   August 2017 – August 2020
- Guided and educated 100+ underprivileged children, leading to notable improvements in academic performance and a 10% decrease in school dropouts.
- Devoted time to volunteering at both old age homes and orphanages, bringing positive change to the lives of senior citizens and young children alike.

Board Member, Abhikalpana Trust, Bengaluru, India   August 2019 – August 2020
- Orchestrated fundraising events, medical camps, and awareness campaigns to support various social causes.
- Pioneered an effective online outreach approach, driving a 100% increase in social media engagement.
- Facilitated impactful community initiatives by delegating key responsibilities in volunteering and education tasks.

Academic Projects

Reinforcement Learning for Language Models   December 2023
- RL models for improving logical reasoning capabilities of Large Language Models

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

Atari Breakout   March 2018
- A Reconstruction of the iconic brick and ball game by Atari using OpenGL

Factory-Outlet Database System   March 2017
- A comprehensive GUI tool creation and administration of orders and customer management.

Skills

HTML, CSS, JavaScript, React, Redux, Angular, TypeScript, Git, Node, Express, API, SQL, Python, PHP, XML, Microsoft Office, Management, Communication, Leadership, Problem solving, Adaptability, Creativity, Collaboration.

Languages

English, Hindi, Kannada