

Sherwin Vishesh Jathanna

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SKILLS

Soft Skills: Problem-Solving, Verbal and Written Communication, Leadership, Critical Thinking, Prompt Engineering
Programming Languages: Python, C, C++, Basic, Perl, Java, HTML, JavaScript, CSS, Bash, Solidity, TypeScript
Databases: SQL (MySQL), MongoDB
Tools & Frameworks: jQuery, Node.js, TensorFlow, PyTorch, Firebase, NumPy, React.js, Next.js, Machine Learning, Deep Learning Algorithms, Vision Language Models, HuggingFace Accelerate, IBM Watson, XGBoost, OpenCV, Flask, Keras, Transformers, Apache Spark, Hadoop, Apache Kafka, Hive, Dask, Docker, Kubernetes, MLflow, TensorFlow
ML Techniques and Optimization: Hyperparameter tuning, model pruning, and quantization, Supervised/unsupervised learning, clustering, dimensionality reduction, Text preprocessing, tokenization, transformers, BERT, GPT models
Other Tech tools: Microsoft 365, Adobe Creative Suite, Google Workspace, OBS Studios, Git/GitHub
Project Management & OS: JIRA, Notion, Trello, Asana, Windows, macOS, Ubuntu, Kali

EDUCATION

Arizona State University

Tempe, AZ

Bachelor of Science in Computer Science, Minor in Business

Aug. 2022 – May 2026

- **New American University Scholar :** Awarded with \$62,000 worth of scholarship
- **Dean's List (Fall 22, Spring 23, Fall 23 & Spring 24) :** Recognition for academic excellence

INDUSTRY EXPERIENCE

Web Development Intern

Remote

Nexus Info. Pvt. Ltd.

Dec 2023 – Feb 2024

- Engineered a dynamic restaurant management web application with real-time order management and inventory tracking for a client using the MERN stack, that **boosted the client's operational efficiency by 40%**.
- Collaborated effectively with a team of developers and designers to deliver high-quality web solutions on time

Founder

Bangalore, KA, India

Hashberry Technologies

May. 2022 – May 2023

- Single-handedly pioneered the development of the web app, that received **153,240 users on the launch day**
- Established organizational mission statement through extensive collaboration and shaped solutions by leveraging trends in customer marketplaces and industries
- **Gained media recognition** for the successful sale of the startup (LINK)

FEATURED PROJECTS (CHECK OUT MY GITHUB PORTFOLIO FOR MORE PROJECTS)

Refrigerator Ramsay | *React.js, FastAPI, Gemini-1.5-Flash* | ([GITHUB](#))

Oct 2024

- Winner of CalHacks 2024 (Google: Most useful app)
Created Refrigerator Ramsay: an AI-powered kitchen assistant that reduces food waste with smart recipes and real-time interaction.. **It reduced food wastage by 47%** through interactive image-to-text and voice-to-voice chatbot.

Project-Atharv | *Python, Flask, APIs, Generative AI, and more* | ([WEBSITE](#))

May 2024 - Present

- Launched Atharv, AI-powered agricultural assistant. Gained **5000 users in 48 hours**. Presented it to the Ministry of Agriculture for the state of Karnataka and was **featured in 20+ News articles**.
Atharv improved crop disease diagnosis and weather prediction **accuracy by 73%**, providing personalized farming insights in local languages.

BlockBallot | *React.js, tailwind-css, Rust, APIs* | ([GITHUB](#))

Jul 2024

- Engineered BlockBallot: decentralized Solana voting system. Won honorable mention in Solana hackathon.
Boosted voter participation 30% through enhanced security and transparency.

QuickAid | *HTML, CSS, Node.js, Express.js, APIs* | ([GITHUB](#))

Apr 2024

- Built QuickAid, an AI-powered first-aid tool that analyzes injury images and recommends appropriate care. It increased **accuracy of initial medical responses by 40%** , making rapid assessments accessible to users.

StrategX | *Python, Flask, Indicators, Machine Learning, ARIMA* | ([GITHUB](#)) Feb 2024 - Mar 2024

- Designed StrategX, a trading companion leveraging indicators and AI for insightful stock analysis and predictions in a comprehensive web-based trading platform, which **increases the Decision Making by 48%**

myAccountant | *Typescript, Python, OpenAI-DaVinci-API, Docker* | ([GITHUB](#)) Feb 2024 – Present

- Developed myAccountant, an AI-powered chatbot serving as a personal financial advisor, using advanced natural language processing to **improve financial decision-making accuracy by 35%**

Read Easy | *HTML, CSS, JavaScript, APIs* | ([GITHUB](#)) Jan 2024 – Mar 2024

- Created Read Easy, a Chrome extension enhancing online reading for dyslexia, making text more accessible and enjoyable, leveraging dyslexia-friendly tools, it is available in chrome web store and the **extension increases the productivity by 36%**

CalmQuest | *HTML, CSS, Node.js, Express.js, APIs* | ([GITHUB](#)) Mar 2024

- Conceived CalmQuest, an AI-powered therapy chatbot designed to provide instant emotional support, that **increases Enhances Emotional Well-being of the user by 19%**

Diabetes Prediction WebApplication | *Python, Flask, Machine Learning Algorithms* | ([GITHUB](#)) Feb 2024

- Refined the current Diabetes Prediction Web Application by using industry standard Machine Learning Algorithms like KNN, which **increases the prediction by 87%**

Decentagram | *HTML, CSS, JavaScript, Solidity, APIs* | ([GITHUB](#)) Dec 2023 - Mar 2024

- Engineered Decentagram, a decentralised clone of Instagram, that uses blockchain, and it **enhances privacy by 83%**

Echo Prompter | *HTML, CSS, JavaScript, Webspeech API, Tensorflow* | ([GITHUB](#)) Feb 2024

- Invented Echo Prompter, A voice-activated teleprompter for seamless, engaging presentations, leveraging real-time speech recognition for smooth script navigation, it enhances the **virtual meeting experience by 27%**

Narrator + | *HTML, CSS, JavaScript, APIs* | ([GITHUB](#)) Jan 2024 – Feb 2024

- Created Narrator +, a text-to-speech website and a browser extension that uses Da-Vinci API by OpenAI to refine the text, it is available in chrome web store and the extension **increases the productivity by 36%**

Hashberry Token(\$HOST) | *Solidity, Javascript, APIs* | ([Archive](#)) Jul 2022 – May 2023

- Created \$HOST, a community-focused DeFi token powered by the Binance Blockchain that forms part of the expanding Hashberry ecosystem, it was the **first cryptocurrency token coded (partially) in Kannada**.

Lambda | *HTML, CSS, Password.js, APIs* | ([Archive](#)) May 2022 – May 2023

- Spearheaded Hashberry's flagship project Lambda, developing a suite of free financial tools with Bloomberg Terminal-level features, revolutionizing trading access and **boosting user engagement by 56%**

Xeolot | *C++* | Jan 2019 – Mar 2021

- Invented Xeolot, a crypto miner written in C, cross-platform for Linux, Windows and OS X, and including support and binaries for RPi, OpenWrt routers and others, **it was 28% more efficient than a traditional miner**.

Solar Tracker | *Arduino, C++* | Nov 2019 – Dec 2019

- Built a Solar Tracker, since solar panel uses photovoltaic cells (PV cells), the PV cells detect the light intensity and according to that, The tracker aligns the solar panel with the Sun's position in the sky, **increasing the efficiency by 35 %**.

Smart Mirror | *Raspberry Pi, Bash, Python* | Sep 2019 – Oct 2019

- Devised a smart mirror, that displays the time, weather, calendar, news, and social media updates. The magic is created by placing a 2-way mirror over a monitor. The technology is driven by a Raspberry Pi or PC, combined with voice recognition and touch technology. It **increased the daily productivity by 21%**

OTHER EXPERIENCE

Online Director (On-Campus Job)

Tempe, AZ

Ira A. Fulton Schools of Engineering at Arizona State University

Sep. 2022 – Present

- Spearheaded the development and delivery of online courses, leveraging Mediasite, Zoom, and Augmented Reality, while collaborating with faculty and IT staff, significantly **enhancing distance learning outcomes by 45%**

CERTIFICATIONS

Full Stack Software Developer Certification | *IBM* |

Aug 2024

Project Management: Professional Certificate | *Google Career Certificates* |

Jun 2023

Web Development Bootcamp | *Udemy* |

Jul 2023

Prediction of COVID-19 Using Machine Learning Classification Algorithms | *(IRJET)* |

Apr 2022

6.00.1x: Programming Using Python | *Massachusetts Institute of Technology — edX* |

Apr 2021

Career Essentials in Generative AI (Learning Path) | *Microsoft* |

Jul 2023

In-Demand Professional Soft Skills (Learning Path) | *LinkedIn* |

Jun 2023

Prompt Engineering and Advanced ChatGPT | *edX* |

Jun 2023

Software Engineering Virtual Experience | *JPMorgan Chase & Co.* |

May 2023

Advanced Software Engineering Virtual Experience Program | *Walmart Global Tech* |

May 2023

Project Management: Professional Certificate | *Google Career Certificates* |

Jun 2023