

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, MoEs, Spring, NumPy, React.js, Next.js, Machine Learning, Git, Deep Learning Algorithms, Vision Language Models, HuggingFace Accelerate
Other Tech tools: Microsoft 365, Adobe Creative Suite, Google Workspace, OBS Studios, GitHub
Project Management & OS: JIRA, Windows, macOS, Ubuntu, Kali, Notion

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 and outstanding achievement

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

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

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

May 2024 - Present

- Launched Atharv, AI-powered agricultural assistant. Collaborated with Ministry of Agriculture for the state of Karnataka. Gained **5000 users in 48 hours**. Atharv improved crop disease diagnosis and weather prediction **accuracy by 73%**, by 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 hacker house 2024. **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%**

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%**

myAccountant | *Typescript, Python, PostgreSQL, Docker* |

Dec 2023 – 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%**

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%**