

Sherwin Vishesh Jathanna

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SKILLS

Programming Languages: Python, C, C++, C#, Java, HTML, JavaScript, CSS, Bash, Dart, TypeScript, Swift
Databases: SQL (MySQL), PostgreSQL, MongoDB, IBM db2, Google Bigquery & Spanner
Tools & Frameworks: React.js, .NET, Node.js, Remix, Firebase, jQuery, Springboot, NumPy, TensorFlow, PyTorch, Next.js, Git, Docker, Spring, Tailwind CSS, Redux, Flask, FastAPI, Express.js, Pandas, OpenCV, Selenium
Technologies: Machine Learning, Deep Learning, Vision Language Models, Mixture of Experts (MoEs)

EDUCATION

Arizona State University

Tempe, AZ

Bachelor of Science in Computer Science, Minor in Business

Aug. 2022 – May 2026

- **New American University Scholar:** Awarded a \$62,000 merit-based scholarship
- **Dean's List (Fall 22, Spring 23, Fall 23, Spring 24, Fall 24 & Spring 25):** Recognition for academic excellence, consistent high GPA, and top departmental performance

INDUSTRY EXPERIENCE

Software Development Engineer/Information Services Management Intern

Parsippany, NJ

United Parcel Service

May 2025 – Aug 2025

- Engineered and deployed cloud-native microservices using Java and Spring Boot, contributing to UPS's modernization initiative by migrating from legacy IBM Db2 systems to Google Cloud; achieved a **34%** improvement in processing efficiency and scalability.
- Orchestrated the deployment of containerized microservices on Red Hat OpenShift, ensuring high availability and robust performance, which resulted in a **97.3%** system uptime.
- Architected and implemented an automated compliance validation system using .NET and LLMs, improving the accuracy of threat detection for international shipments by over 46.1% while minimizing false positive alerts.
- Excelled in a corporate agile environment by actively participating in sprint planning, leading technical discussions, and refining code through peer reviews, while also driving innovation by developing and presenting a proof-of-concept project during a company-wide hackathon.

FEATURED PROJECTS (CHECK OUT MY GITHUB FOR MORE PROJECTS)

MoneyMaxxing | Flutter, Dart, Gemini-API, ARIMA, FastAPI, and more | (DEVPOST)

Mar 2025

- Honorable Mentions in HackPrinceton Spring 2025(Finance Track)
Built a Gen-Z focused budgeting app that uses Gemini API and on-device ML models to provide real-time expense tracking and interactive dashboards, resulting in a **62%** improvement in automated financial tracking.

Refrigerator Ramsay | React.js, Python, FastAPI, Gemini-API, and more | (DEVPOST)

Oct 2024

- Winner of CalHacks 2024 (Google: Most useful app)
Developed 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, Generative AI, and more | (LINKEDIN-POST)

May 2024 – Aug 2024

- Launched Atharv, an AI-powered agricultural assistant. **Gained 5,000+ users within 48 hours.** Presented to the Ministry of Agriculture in Karnataka; **featured in 20+ news articles.** Improved crop disease detection and weather prediction accuracy by **73%**, delivering personalized farming insights in local languages.

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%**

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%**