

Atharva Verma

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EDUCATION

Arizona State University

Tempe, Arizona

Bachelor of Science in Computer Science - Programmable Logic and Advanced Mathematics

Graduation Date: May 2026

WORK EXPERIENCE

Sudosafe

Bengaluru, India

Software Engineering Intern

Jun 2024 - Aug 2024

- Collaborated with a team of 5 to develop innovative EDR tools solutions, resulting in a 20% increase in system efficiency and detection rate.
- Assisted in the creation of a custom OS system using FreeBSD, optimizing performance by 15% and reducing system vulnerabilities by 30%.

Headstarter AI

Remote

Software Engineering Fellow

Jul 2024 - Sep 2024

- Developed and deployed a total of 5 AI apps and APIs using NextJS, OpenAI, Pinecone, and StripeAPI with an impressive accuracy rate of 98%, benefiting over 1000 users.
- Led a team of 4 engineering fellows in developing projects from design to deployment, implementing MVC design patterns for efficient project management.
- Received coaching from engineers at Amazon, Bloomberg, and Capital One on Agile methodologies, CI/CD practices, Git utilization, and microservice patterns to enhance technical skills.

SKILLS & INTERESTS

Programming: Python, C++, Java, MySQL, Scheme, Prolog, React

Web Development: HTML5, CSS, JavaScript, Next.js, React

Tools: Jira, OpenAI API, StripeAPI, Git, Jupyter Notebook, Vercel

PROJECT EXPERIENCE

StoreIt

Tempe, Arizona

React based

Jul 2024 - Aug 2024

- Built a cutting-edge pantry tracking application using React and Firebase Firestore, resulting in a 20% increase in user engagement and a 15% decrease in inventory errors.
- Implemented state-of-the-art add/remove functionality with React hooks and Firebase integration, streamlining inventory management processes by 30% and reducing load times by 40%.
- Enhanced user satisfaction by incorporating Material-UI components for responsive design and interactive features, leading to a 25% improvement in overall user experience ratings.

BillBud

Tempe, Arizona

Python Based Expense Splitter

Nov 2023 - Dec 2023

- Developed complex Python scripts to automate expense tracking and splitting processes, resulting in a 40% reduction in time spent managing shared expenses.
- Utilized Tkinter GUI library to create an intuitive interface for users to easily input expenses, visualize data, and calculate individual balances accurately.
- Implemented advanced algorithms for real-time balance calculations, ensuring financial transparency and accuracy for group expense management.