

# RISHITH MODY

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## SUMMARY

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Full Stack Developer with an ongoing B.S. in Computer Science from Arizona State University and looking to work in IIm models for solving real word problems.

## EDUCATION

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**Arizona State University, Tempe, Arizona**  
**B.S. in Computer Science**  
GPA-3.95

Aug 2023 — Expected: May 2027

**Anand Niketan Shilaj, Ahmedabad, India**  
GPA-3.52

Jun 2019 — May 2023

## SKILLS

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- **Soft Skills:** Communication, teamwork, leadership, problem-solving, work ethic
- **Programming:** Java, Python, C, C++, Java, Type-Script, Node.js HTML/CSS, JavaScript, SQL, Jupyter Notebook, Tailwind, React
- **Cloud:** AWS

## EXPERIENCE

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**VOVANCE Ltd**  
*Software Developer*

Ahmedabad, India  
May 2024 – current

- Optimized ML models and NLP, boosting accuracy by 20%.
- Built scalable backend systems (Python, Node.js, SQL), improved APIs, and database performance.
- Participated in code reviews and assisted with design documentation and specification.

## PROJECTS

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### Object Detecting Vest

- Engineered and crafted an innovative object-detecting vest powered by Raspberry Pi, aimed at enhancing safety and navigation for the visually impaired community.
- Orchestrated the development of a comprehensive mobile application to complement the vest, facilitating step tracking and enabling seamless control of vest features.
- Seamlessly integrated a suite of hardware and software elements, ensuring optimal functionality and a user-friendly experience for individuals relying on the vest for obstacle detection and navigation.

### ORBIT

- Description: Created a travel planning chatbot which provides user with real-time flight data and booking details.
- Technologies: Python, React, TypeScript, AWS, MongoDB
- APIS: Gemini 1.5 flash, FlighLabs
- Impact: Improved response times by 50% and customer satisfaction by 25%.

## COURSE WORK

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**Current Course Work:** Intro to Programming Languages, Logic in Computer Science, Digital Design Fundamentals, Discrete Math Structures, Intro to Physical Geography, Cities in Cinema

**Past Semester Course Work:** Object-Oriented Program & Data, Introduction to Environmental Design, Calculus for Engineers II, Elements Intercultural Comm, Univ Physics I: Mechanics, Principles of Programming, Calculus for Engineers I, Introduction to Engineering, Intro to Human Communication, English Literature

## EXTRA CURRICULAR

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**Software Developers Association (SoDA)**  
*Member*

Aug 2023 – Ongoing

- SoDA is a student organization at ASU fostering collaboration on projects, offering insights from professionals, and preparing computer science students for software development careers