SHASHWAT RAJ

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Objective

Passionate software developer and machine learning engineer with expertise in Machine Learning, Back-end Development, seeking Summer internship/Spring Co-op 2025 opportunities at your company.

Education

Arizona State University   **August 2023 – June 2027**
B.S.E in Computer Systems Engineering with minor in Math, **GPA** *: 3.72/4.0*   *Tempe, Arizona*
Activities :   Grand Challenges Scholars Program, EPICS, Venture Devils, ASU Cricket Club, Hindu YUVA

Delhi Public School RK Puram   **April 2009 – June 2022**
High School Diploma in non-medical + Computer Science stream, **CGPA** *: 9.9/10*   *New Delhi, Delhi*
Activities : President Student Council '21-22, RoboKnights, Aeross, Maths Society

Experience

Kavvy   **February 2024 – Present**
Founder and Chief Executive Officer (CEO)   *United States*
- a Seed stage startup venture, that connects traditional publishers to aspiring authors, providing them with services that build their writer's profile and refines proposals based on a revised database of trends of several publishing houses.

Collective Design (CoDe) lab, Arizona State University   **May 2024 – Present**
Undergraduate Student Researcher   *Tempe, Arizona, United States*
- Conducting research on developing an RL-based model for autonomous satellite orientation for Earth Science missions under the mentorship of Dr. Paul Grogan and his team at CoDe lab.
- Part of Fulton Undergraduate Research Initiative (FURI) for Fall 2024 Semester, awarded with a stipend of $1500.

Subject Area Tutor   **October 2024 – December 2024**
ASU Academic Support Network   *Tempe, Arizona*
- Tutored students who needed academic assistance in subjects like physics, chemistry, mathematics and computer science for an hourly pay of $16.

IIRIS Consultancy Pvt. Ltd.   **June 2022 – June 2022**
Software Intern   *Virtual, Global*
- Scheduled meetings and reported to the manager directly by following up on marketing leads generated online for 20+ services and supporting the marketing team in daily administrative tasks.
- Maintained customer/client databases for more than 100 clients and committed 500+ queries in the database system.

Projects and Publications

WoofCare | Flutter, MySQL | *https://epics.engineering.asu.edu/2024/09/woofcare/*   **Present**
- Developing a mobile networking app that alleviates the condition of stray dogs in India through connecting dog lovers, clinics, dog feeders and over 60+ NGO's in Pune, India.

Write It Out | Podcast on Spotify, Youtube | *https://shorturl.at/0iYfY*   **October 2023**
- "Write it Out" is a podcast that narrates the story of every emerging writer and their hobby. Exploring the passion for writing coupled with the reality of struggle, competition and accomplishment in their professional career, the podcast takes its listeners to a journey of engaging storytelling, awareness, inspiration and motivation.

Terrader | Next.js, Chakra, Python, Figma — github.com/theVedanta/terrader   **April 2023**
- Developed a web-based crypto-trading simulation game emphasizing awareness for environmental impact by crypto-mining. Integrated virtual currencies, a carbon footprint meter, and collaborative features for competitive gameplay.

Technical Skills and Other Interests

Languages: Python, Java, C, C++, HTML/CSS, JavaScript, MySQL, LaTex, React.js, Node.js, R, Lua
Developer Tools: VS Code, Figma, Google Colab, Fusion 360, KiCad, Tableau, R Studio, ANSYS, Gazebo
Technologies/Frameworks: Scikit Learn, Pandas, GitHub, TensorFlow, Django, Tailwind, Flutter, IoT, ROS
Familiarity scaled from left to right. Other Courses & Certifications listed on Linkedin

Award and Accomplishments

- 1st Prize winner at 19th Annual Programming Contest (Competitive Programming) organized by WICS.ASU
- Fulton Section Leader for ASU 101 under Prof. Wasif Bokhari and received a stipend of $700
- 2024-25 Fulton Global Education Scholarship and Fulton Go Global Scholarship Recipient for total $3000
- Gold Medal Awardee for Excellence in Academics for 7 consecutive years, DPS RK Puram
- Red Tie Awardee for Excellence in Robotics, DPS RK Puram
- International Winner in 30kg Robowars (Combat Robotics) at Technoxian 2023, partnered with AICRA.