VATSAL MANIAR

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EDUCATION

Arizona State University, Ira A. Fulton Schools of Engineering/*W.P. Carey School of Business*   **Tempe, AZ**
Bachelor of Science in Computer Science, Minor in Business   **May 2025**
GPA: 3.67/4.0 | **Awards:** Dean's List (Fall '21, Fall '22, Spring '23), $15,500 yearly NAmU Scholarship (2021-2025)
Coursework: OOP, Logic in CS, DSA, Comp Org/Assemb Lang Prog, Intro to S/W Engr., Operating Systems, Distributed S/W Dev, Theoretical CS, Prin of Prog. Lang., S/W Intgr. & Engr., Web Dev & Dsgn w/ JS, HTML & CSS
Clubs: Google Developer Student Club (GDSC), Software Developers Association (SoDA), Indian Students' Association (ISA)

TECHNICAL SKILLS

Programming Languages: Java/JavaFX, C/C++, C#, Python, JavaScript, CSS, Bootstrap
Markup Languages/File Formats/Frameworks: ASP.NET, XML, WSDL, HTML5, JSON, MVC
APIs/Interfaces/Architectures: SOA, SDLC, REST, SOAP, XPath, DOM, SAX
Productivity: Scrum/Agile Methodologies, Jira, GitHub
Certifications/Licenses: ServiceNow, JavaScript Essentials, Coding for Web - HTML/CSS/JS

RELEVANT PROJECTS

Team Lead, *Project CaffeineOverflow*   **August 2023 - December 2023**
- Led development of 'CaffeineOverflow', a web platform deployed on a ASU web server.
- Employed SDLC, MVC Patterns and GitHub for scalable code organization and version control.
- Integrated financial metrics, geolocation and weather APIs using WCF, WSDL, SOAP, and RESTful in C#, HTML, CSS, and JS.
- Directed secure user functionalities, encrypted passwords, cookies, captcha security and dynamic XML file manipulation.

Developer Lead, *Project EXCELERATE*   **January 2023 - April 2023**
- Directed development of 'EffortLogger', a Java/JavaFX-based desktop app for managing employee base, team creation, project management, and time tracking in companies.
- Employed Agile methodologies to meet project milestones and provided weekly documentation.
- Delivered an efficient and effective codebase meeting industry standards and resulted in a satisfactory end product.

Design Lead, *NETWORK*   **August 2022 - January 2023**
- Led design of 'Network', a social media management tool to make running a university organization easier.
- Designed a landing page database for easy student access, improving usability and effectiveness.
- Conducted user testing & feedback sessions to optimize usability and effectiveness into ongoing design improvements.

WORK EXPERIENCES

Software Developer, *RadicalAI*   **May 2024 - Present**
- Develop innovative AI solutions, leveraging technologies such as OpenAI, Node.js, and React to create ReX, an AI career coach offering personalized coaching and mentorship.
- Revamp concept of upskilling through AI by integrating financial rewards and conversational AI.
- Collaborate closely with to enhance ReX's performance, functionality, and user interface, ensuring seamless and effective interaction for all learners.
- Strengthen development of personalized, accessible, and impactful AI-based career development tools.

Inventory Clerk/Asset Specialist, *ASU Capital Assets Management*   **May 2024 - Present**
- Coordinate tagging of movable equipment valued at $5,000 or more, and computer software more than $5,000,000 ensuring precise asset records in Workday.
- Conduct biennial inventories, prepare detailed asset reports, and promptly respond to auditor and sponsor requests.
- Develop expertise in asset management systems and procedures, enhancing technical skills and critical thinking abilities.
- Collaborate with colleagues to ensure accurate and efficient management of ASU's diverse capital assets.
- Streamline improvement of asset management processes through innovative solutions and meticulous attention to detail.

Verification Supervisor, *ASU Admission Services*   **May 2022 - May 2024**
Data Analyst (Verifier), *ASU Admission Services*   **October 2021 - May 2022**
- Scanned, documented, and entered up to 25,000+ applicants' information with accuracy and attention to detail.
- Analyzed data to ensure data integrity and compliance with policies and procedures.
- Administered in hiring, training, and coaching new student verifiers and supervisors.