

Adiba Akter

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EDUCATION

- California State University, Sacramento** **Expected Graduation: Fall'24**
Bachelor of Science in Computer Science, Minor in Marketing **GPA: 3.43**
- Relevant Courses:** Software Development lifecycle: Agile Methodology, Intelligent systems: Machine Learning/AI
- CERTIFICATIONS:** The Complete Web Developer in 2023: Zero to Mastery by Udemy

WORK EXPERIENCE

- Sac State Enrollment Management and Student Services, Student Assistant** (April 2022 – Present)
 - Managed technical issues related to student enrollment data by resolving tickets in EAB and contributing to projects using Excel and Tableau, ensuring accurate tracking of student registrations and drops each semester.
 - Developed a comprehensive student data dashboard that streamlined appointment scheduling, improving the experience for staff and students.
 - Nominated for Student Employee of the Year 2023 for exceptional contributions to the completion and maintenance of student enrollment data and technical support.

PROJECTS

- Blood bank Management:** (March 2019)
 - Designed and implemented a blood bank application using C and CodeBlocks, which allows users to efficiently search and contact donors by blood group and location, streamlining the process of finding blood donations.
- MIETE- House Rent Management:** (March 2020)
 - Developed a rent management application using Java and graphics user interface in Eclipse, designed to track tenants and locate rentable houses within specific areas, enhancing property management efficiency.
- Call Center Visualizer:** (December 2022)
 - Led a team to develop an agent-based web application using Java, JavaScript, and RestAPI, enabling real-time tracking of call center agents with a visual representation of their status via colored dots.
 - Implemented a secure login system and interactive charts on the frontend using HTML/CSS and JavaScript, and managed backend operations with Node.js, Express.js, and MySQL for efficient data retrieval and storage.
 - Enhanced client capability to monitor up to 8,000 agents simultaneously, tracking their phone call status on a virtual call center floor, significantly improving operational oversight and management.
- MusicDB:** (May 2023)
 - Designed a Java-based music database system integrating backend programming with MySQL in Oracle where you can add, delete, and update music and artist info using Oracle, Eclipse
- Personal Portfolio website:** (July 2023)
 - Developed a fully responsive NPM website utilizing HTML, JS, SCSS, and Bootstrap, leveraging Sublime Text for coding and Git Bash for version control, with deployment on Netlify which serves as a dynamic portfolio to showcase my projects and skills, highlighting my career achievements and technical capabilities to potential employers and collaborators.
- WeatherApp:** (December 2023)
 - Developed a Python-based weather application using OpenWeather API, Tkinter, and ttkbootstrap for real-time weather updates, integrating requests library and PIL for API communication and image processing, with strong error handling for enhanced user experience

SKILLS

- Programming Languages:** Java, Python, C, C#, JavaScript, HTML5, CSS, MySQL (Oracle), Unix, Machine Learning
- Software:** Eclipse, Sublime Text, CodeBlocks, GitBash, Postman, VSC, GitHub, Virtual Box, Jira, Android Studio
- Frameworks:** React Native, NPM, Bootstrap, Linux, Rest API, Ubuntu, JSON, NodeJs, Tkinter, AWS
- KEY Skills:** Communication, Critical Thinking, Leadership, Problem-solving, Adaptability, Fast-Learning, Teamwork

LEADERSHIP EXPERIENCE:

- Society of Women Engineers, Sac State:** As a member worked on empowering women in STEM through collaborative workshops, leadership development, and networking events. (2022 - 2024)
- Data Science Club Sac State:** Collaborated with peers to explore data technologies, workshops to develop practical solutions and enhancing skills in statistical analysis, machine learning, and data visualization. (2022-2024)