Sanjana Vadluri

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Education

VNR Vignana Jyothi institute of engineering and technology   2022 – Present
- Currently Pursuing B.Tech in the stream of Computer Science and Engineering (Data Science) with 9.29/10 CGPA.

Narayana Junior College   2020 – 22
- Completed Intermediate in 2022 with 98.6%

Krishnaveni Talent School   2019 – 20
- Finished my 10th standard in Siddipet with 10 GPA

Work Experience

Amazon, *Software Development Engineer Intern* [(Certificate) ⧉](#)   May 2024 – July 2024
Key Skills: Scala, JavaScript, APX
- Migrated the **Amazon Payment Refunds page widget** from a legacy framework to a modern, scalable system; improved user engagement by facilitating seamless management of bank account details and refunds for thousands of users.
- Implemented secure refund processing for high-value transactions reducing security risks by 30% through encryption and audit trails.
- **Engineered client-specific configurations** for widget delivery by creating a new client interface, optimizing code to display only required fields and implementing unit tests with 95% coverage, ensuring seamless integration with Amazon's payment APIs.
- Enhanced payment security workflows by contributing to the integration of multi-factor authentication (MFA) modules into **Amazon's payment contract system** during secondary collaboration.

Skills

- **Languages:** C, Python, Java, JavaScript, SQL
- **Frameworks & Technologies** : React.js, Node.js, HTML, CSS
- **Tools & Databases:** MySQL, MongoDB, Git, GitHub, Postman, Windows, Linux, Eclipse, VSCode, IntellijIDEA
- **Soft Skills:** Team Collaboration, Problem Solving, Communication, Leadership, Logical Thinking

Projects

Blog Application | *MERN, Redux*
- Developed a blog application using Redux for state management, enabling authors to create/edit posts and manage drafts, while users could view content and submit comments via dynamic UI components.
- Implemented user authentication and role-based access control (author/user profiles), integrating RESTful APIs for CRUD operations and ensuring responsive design for seamless cross-device interaction.

Finance Navigator | *HTML, CSS, JavaScript*
- Developed a responsive and user-friendly interface for Finance Navigator, a web application for financial management, integrating budgeting and saving tools to enhance student engagement and daily usage.

Snap Find | *Django, SQLite*
- Developed Snap Find, a web-based platform using Django and AI to match lost and found items through image and text similarity.
- Implemented user authentication, secure chat, and reward features to enhance item recovery and user experience.

Achievements

- Finalist in **Flipkart Runway**, placing among top 1% of participants.
- **Amazon Future Engineer Scholar**, honored as one of the top 400 from a pool of 8,000 applicants; acknowledged for outstanding academic achievements and innovative skills.
- **Epam Women India Scholar**, awarded the Scholarship and mentorship ranking among top 10% of the applicants.
- Solved 500+ coding questions across all coding platforms, including LeetCode and Codechef.

Extra-Curricular
- Actively volunteered for events like the Master Orator Championship Semi Finals and CSI activities in college, and contributed as a member in various student clubs and event organizations.