

## KAVYA PAPINENI

Lowell, Massachusetts, 01854

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<https://github.com/kavyapapineni>

**Experienced Full-stack Developer** with hands-on expertise in Java, Angular, React, Spring-boot, RESTful APIs, JavaScript. Proficient in SQL and well-versed in Agile Scrum Methodology. Holds a professional certification in Insurance.

### RELATED COURSE WORKS:

Algorithms | Database Management System | Internet and Web Systems | Data Communications | Data Mining | IOT security and Privacy | Malware Analysis | Machine Learning |

### EDUCATION:

#### Masters in Computer Science

University of Massachusetts, Lowell, United States.

**Honors:** Moloney fellowship for \$2500

**Jan 2023 – Dec 2024**

**CGPA- 3.74/4.0**

#### Bachelors in Electronics and Communication Engineering

Sreenidhi Institute of science & Technology Hyderabad, INDIA.

**Honors:** Merit scholarship for all eight semesters

**Jun 2016 – Jul 2020**

**CGPA- 4.0/4.0**

### TECHNICAL SKILLS:

- Front-End: Angular, React, Bootstrap4, HTML5, CSS
- Back-End: Java, Spring Boot Framework, REST-API
- Programming: C, Java, JavaScript, Node, Python, jQuery, Restful API, DSA
- Tools: VS code, Eclipse, SVN, Git, IntelliJ Idea, Service-Now, JIRA, SQL Server Management Studio, Postman
- Cloud Platforms: AWS, Azure Fundamentals
- Databases: MySQL, PostgreSQL, mongo dB

### PROFESSIONAL EXPERIENCE:

**Application Development Associate (full-time)**

**Employer: Accenture, Hyderabad, INDIA**

**Nov 2020 – Dec 2022**

**Experience: 2+ years**

- Hands-on proficiency in JAVA, JavaScript, Angular, React, Spring framework, RESTful APIs, SQL along with Agile Scrum methodology.
- Actively contributed as a developer, providing robust solutions to improve business applications by developing or modifying business code and successfully handled bugs to ensure integrity.
- Over 70 defects and enhancements were successfully resolved, with more than 20 complex solutions delivered to clients, displaying expertise in troubleshooting and issue resolution.
- Addressed defects and enhancements by writing or modifying code, rigorously testing changes with comprehensive test cases, and moving the business code for production deployment after approvals and presented updates to clients during scrum meetings.
- Worked on UI orchestration, using innovative methodologies and delivered two Configuration Items (CI) that improve user interaction.

- Proficiency in ServiceNow, utilizing advanced issue analysis techniques to efficiently resolve daily incidents reported by users and translate defects into actionable JIRA tickets, streamlining issue resolution processes.
- Secured P2 proficiency in JAVA in Accenture competency assessment.

#### **Technical Operations Support (part-time)**

**Mar 2024 – Present**

**Employer: Graduate, Online & Professional Studies at UMass Lowell**

- **Managed Implementation and Support:** Oversaw the deployment and maintenance of Liaison CAS applications, including Grad CAS, PT CAS, Eng CAS, Business CAS, and UNI CAS.
- **Front-End and Back-End Deployment:** Directed both the front-end application portal and back-end processing systems to ensure seamless application handling and decision-making.
- **User Acceptance Testing (UAT):** Designed and executed UAT cases to ensure system functionality and performance met organizational standards.
- **JavaScript Development:** Utilized JavaScript to tackle development challenges and provide innovative solutions to issues.
- **Workflow Optimization:** Created and refined workflows to enhance the efficiency of application processing.
- **Logic Development:** Developed and implemented effective logic to improve user experience.

### **ACADEMIC PROJECTS**

#### **1. Sign Language Detection**

**Front-End:** HTML CSS **Back-End:** Python **Algorithms:** CNN, KNN, SVM

I worked on a project to detect sign language and evaluated the accuracy of SVM, CNN, and KNN algorithms. I used a variety of datasets, Jupyter Notebook, Python, Scikit-Learn, Tensor Flow, and OpenCV, and performed analysis. In line with my interest in technology and inclusivity, our project aims to improve communication accessibility for the Deaf and Hard of Hearing community.

#### **2. Personal Portfolio-Web Page**

**Technology Stack:** HTML, CSS, JavaScript

Built a responsive personal portfolio website using HTML, making sure the content is well-structured for better accessibility and search visibility. Used CSS to create a modern look with flexible layouts, improving the overall appearance and user experience. Added JavaScript to make the website interactive with features like smooth scrolling and form validation, enhancing user engagement and functionality.

#### **3.NETFLIX-GPT (The AI Film Factory)**

**Technology Stack:** JavaScript, React, Redux, HTML, Tailwind, Firebase.

In the "NETFLIX-GPT" project, I used JavaScript, Tailwind CSS, and React to recreate Netflix's design while incorporating GPT for enhanced search functionality. Users may now more precisely search for movies by title, actor, and release year. The portal delivers complete movie information and reviews based on the TMDB database. Open-source APIs expand search capabilities, improving the user experience. Google Firebase is the project's database solution, ensuring reliable data management and real-time synchronization. This combination of cutting-edge front-end technology and powerful search tools powered by GPT creates a seamless Netflix experience.