

EDUCATION

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| • Master of Science in Computer Science, | Kennesaw State University, Georgia | Aug 2022 - May2024 GPA: 3.6/4 |
| • Bachelor of Technology, IT | VVIT, India | Jun 2016 - May 2020 GPA: 3.8/4 |
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PROFESSIONAL EXPERIENCE

GRADUATE TEACHING ASSISTANT **Kennesaw state University, Georgia** **Aug2022 - May2024**

- Secondary instructor for the course Web Development and Java Programming language.
- Engineered user friendly web interfaces utilizing JavaScript libraries to enhance user engagement and drove a 40% increase in average session duration and a 25% rise in click-through rates.
- Facilitated a class of 60 undergraduates and reinforced their learning by integrating theory & practice.

SOFTWARE ENGINEER **Persistent Systems Limited (PSL),HYD,India** **Sep 2020 – Aug 2022**

- Leveraged **Agile** Methodology for Banking application to gather requirements, design, and develop digital solutions, ensuring alignment with business objectives and user needs.
 - Developed a single-page web application using **React** libraries to enable users to securely store information on the bank website.
 - By using the Java **Spring Boot** backend system that securely handles user input, implementing robust protocols and validating user details on the website to ensure the integrity of sensitive information.
 - Designed and implemented **RESTful** services to enable seamless communication between frontend and backend components, ensuring efficient data exchange and improved the API performance by 12% through code optimization.
 - During User Acceptance Testing (UAT), contributing to a 20% reduction in the time taken to resolve challenges, thereby enhancing the effectiveness of the project.
 - Established **CI/CD** pipelines for automated build, testing, and deployment processes, ensuring smooth transitions of programs into production environments
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PROJECTS

- **TODO Web Application (JavaScript, Html, CSS)** Developed a TODO application that is currently executing CRUD operations on task, implementing event listeners, and controlling UI components.
Link: <https://github.com/SatyaPriyaAmbati/Taskchecker/tree/task>
 - **Palindrome Check (JavaScript, Html, CSS)** Built an app when the user clicks the button it displays the input value was reverse of the same number or not.
Link: <https://github.com/SatyaPriyaAmbati/Palindromecheck/tree/master>
 - **Investment Directory Website (ReactJS, Java Spring, MySQL)** Designed a cross-browser web app that views and manages opportunities, enabling users to pay the deposit and manage their investment portfolio.
 - **Author Data API (JavaScript, RESTful APIs)** My proficiency as a frontend developer has surged to 60% through successfully implementing features like fetching data from external APIs, leveraging asynchronous JavaScript, and effectively updating the DOM.dyna
Link: <https://github.com/SatyaPriyaAmbati/API/tree/Fetchdata>
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SKILLS

- ReactJS, Redux, HTML5, CSS3, BootStrap4, JavaScript, SASS, jQuery
 - Spring Boot, Spring MVC
 - MySQL, PostgreSQL, NoSQL (MongoDB)
 - Java, Python3
 - GitHub, Git, Jira, Jenkins, IntelliJ, Eclipse IDE, Visual studio code, Salesforce
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CERTIFICATIONS

- JavaScript Algorithms and Data Structures- Free Code Camp.
- Java Programming Using Data Structures- NPTEL, IIT Madras.
- Salesforce Platform Developer-1.
- **"Bravo"** team award from Persistent Systems.