

G Adithya

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Profile

Computer Science graduate with hands-on experience in Fortune 500 environments, specializing in Java programming. Proven track record in designing and delivering efficient and scalable systems that drive business growth and enhance user experiences.

Experience

Fiserv GBS, Software Developer Intern

Chennai
Jan 2024 - Nov 2024

- Redesigned the triage tool following the MVC architecture, increasing modularity and maintainability; this shift enabled a streamlined workflow that allowed for quicker updates and reduced deployment time by 15%
- Implemented an automated registration process for OAuth, replacing manual Selenium scripts, streamlining user onboarding, and improving efficiency by 75%
- Developed a Python script to detect recurring transactions from over 2 crore records, categorizing them by frequency and matching them with over 500 known merchants
- Designed an interactive user dashboard for subscription viewing, which provided real-time data and analytics; tool is now utilized by over 500 active clients, enhancing engagement with subscription services

Projects

Type Sculpt

2024

- Built an AI-powered text-to-3D tool with a quality score of 10 and processing time of 5 seconds, outperforming models like CompVis (8, 12s) and Runway (7, 10s), with higher peak signal-to-noise ratios
- Enhanced user engagement by 40% and significantly reducing design turn around time by 50% for creative projects

Weather Forecast Application

2024

- Developed a Weather Application that allows users to search for current weather conditions by entering their city
- The app dynamically catches weather data using the Open Weather API integration and displays information such as temperature, weather conditions, and last updated time

Prad Lending Library

2019

- Engineered a full-stack Java application, integrating an intuitive user interface with robust database functionality, managing over 100 records efficiently
- Developed and implemented CRUD operations, enabling seamless record management and enhancing the application's flexibility for end-users

Technologies

Languages: Java 8, Spring, SQL, C++, Python

Web Technologies: HTML, CSS, JavaScript, JSP, JSF, IceFaces

Tools: Eclipse IDE, Apache Ant, NetBeans, MySQL, WebLogic 14.1.1, TortoiseSVN

Education

SRM Institute of Science and Technology,

2020 – 2024

- B.Tech Computer Science and Engineering - 9.34/10.0

PS Senior Secondary School (CBSE),

2018 – 2020

- Class X - 76.6% , Class XII - 89.4%

Awards and Achievements

Best Paper Award, IRCCTSD '24

- Received recognition for developing an innovative Text to 3D generation framework utilizing attention mechanisms, which enhanced rendering accuracy and reduced design turn around time by approximately 50%

Best Project Award

- Achieved recognition from SRM IST for excellence in project development by designing a library management software that streamlined book borrowing processes

Certifications

NPTEL: Programming in Java

Udemy: JSP Servlets and JSTL