

VENKATA ASHOK KUMAR REDDY DUMPA

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PROFESSIONAL SUMMARY

Motivated Java Full Stack Developer with strong knowledge of **Core Java, OOPs, DSA**, and backend development using **Spring Boot, Hibernate, JDBC**, and **MySQL**. Skilled in building responsive UIs with **HTML, CSS, JavaScript, and React.js**, along with API testing and automation using **Postman and Selenium WebDriver**. Hands-on experience with **Agentic AI concepts**, including **LLM-powered agents, parallel/sequential agents, MCP tools, memory systems, and A2A communication**, aligning with Siemens' intelligent autonomous systems. Strong problem-solver with excellent teamwork and adaptability.

Skills

- **Back-end** : Java, Java 8+ (Core Java, OOPs), DSA(Basics)
- **Libraries/Frameworks** : Spring, Spring Ai (Basic), Hibernate, JDBC,
- **Data Base** : MySQL, MySQL Workbench
- **Front - end** : HTML, CSS, JavaScript, React.js
- **Testing** : Postman (for API Testing), Selenium WebDriver
- **Version Control & CI** : GitHub, Git, Maven, Eclipse,

EDUCATIUN

BTech (Bachelor of Technology) (Electronics and Communication Engineering) July 2020 – May 2024

Rise Krishna Sai Prakasam Group of Institutions

Percentage: 68.3%

Class 12th -BIEAP

June 2018 – May 2020

Sri Chaitanya Junior College, Vijayawada

Percentage: 74.4%

Class 10th -BSEAP

June 2017 – April 2018

Sree Gurudatta High School

Percentage: 83%

PROJECTS

- **Hospital Management System** || [link](#)


Nov-2024

Tech Stack: Java (JSP, Servlets), Oracle Database, HTML, CSS, JavaScript, Postman (API Testing)

- **Designed and implemented** a complete web-based appointment booking system supporting both patient and doctor management workflows.
 - **Developed database schemas** in Oracle to store patient details, appointment records, and real-time status tracking.
 - **Implemented automated logic** for generating unique appointment IDs and system timestamps to streamline data consistency and reporting.
 - **Built a responsive and intuitive UI** using HTML, CSS, and JavaScript, ensuring a seamless user experience across devices.
 - **Enabled real-time updates and confirmations** for appointments, improving system efficiency and communication between users.
 - **Conducted thorough API testing** using Postman to validate backend logic, data integrity, and error handling mechanisms.
- **profile portfolio** || [link](#) June-2024
- This project showcases my skills in web development, including HTML, CSS, and JavaScript. I designed and built a responsive portfolio website that highlights my experience, skills, and projects. I used modern design principles and best practices to create a user-friendly and visually appealing website. This project demonstrates my ability to create functional and engaging web applications. This project showcases my skills in web development, including HTML, CSS, and JavaScript. I designed and built a responsive portfolio website that highlights my experience, skills, and projects. I used modern design principles and best practices to create a user-friendly and visually appealing website. This project demonstrates my ability to create functional and engaging web applications.

Technology Used: HTML · Cascading Style Sheets (CSS) · JavaScript · GitHub

Java Developer Intern | Infosys Springboard

 **March 2025 – June 2025**

Successfully completed a 3-month internship focused on developing a **Smart E-Waste Management System** using Spring Boot, Hibernate, and MySQL, following Agile/Scrum methodology. Contributed to building a secure, scalable, and production-ready enterprise web application.

Key Contributions:

- Designed and developed RESTful APIs for user authentication, registration, profile management, and e-waste request submission using Spring Boot.
- Implemented Spring Security with JWT for secure authentication, authorization, and role-based access control (User/Admin).
- Developed the Admin Dashboard module for request management, pickup scheduling, and email notifications using Spring Boot Mail (SMTP).
- Created and optimized database schemas and entity relationships using Hibernate and MySQL for efficient CRUD operations.
- Performed API testing with Postman and unit testing with JUnit and Mockito to ensure application reliability and performance.
- Followed Agile/Scrum practices, participating in sprint planning, daily stand-ups, and peer code reviews.
- Utilized tools such as Git/GitHub, Maven, IntelliJ IDEA, and MySQL Workbench throughout the project lifecycle for version control, build management, and database design.

Outcome:

Delivered a fully functional web-based e-waste management platform that automated the collection, scheduling, and tracking process, enhancing operational efficiency and user experience.

CERTIFICATES

➤ **Microsoft Azure Data Fundamentals** [Microsoft](#) | **Certified on** | December 17, 2022

- Azure Data Fundamentals is a certification that validates knowledge of core data concepts and azure data services.

It's used to:

- Understand relational and non-relational data
- Manage transactional and analytical workloads
- Utilize Azure SQL, Cosmos DB, storage, and analytics services

➤ **JAVA FULL STACK DEVELOPMENT**

SSSIT Software training institute, Hyderabad, Telangana

Completed: 30th May 2025

- Gained hands-on experience in Java and MySQL, strengthening backend development skills.
- Explored front-end technologies and built interactive user interfaces.
- Worked on manual and automation testing using Selenium, improving software quality.
- Contributed to real-world projects, enhancing problem-solving and technical abilities.
- Learned industry best practices from experienced professionals, shaping a solid foundation in software development.

➤ **TCS iON Career Edge - Young Professional** [Tata Consultancy Services \(TCS iON\)](#) January 2025

- Covered communication skills, soft skills, IT foundational skills, business etiquette, interview skills, resume writing, and an overview of artificial intelligence.
- Gained expertise in presentation skills, group discussions, effective email writing, and accounting fundamentals.

Google / Platform: *Kaggle AI Studio*

Date: *Nov 2025*

- Built a production-ready multi-agent AI system using LLM-powered, parallel, and sequential agents.
 - Integrated advanced MCP tools, Google Search, Code Execution, and custom APIs for autonomous workflows.
 - Implemented sessions, state management, and Memory Bank for long-term memory and multi-turn reasoning.
 - Added full observability (logging, tracing, metrics) and A2A communication for agent-to-agent task delegation.
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PERSONAL TRAITS

- Ability to work under pressure
- Good communication and teamwork skills
- Quick learner and adaptable
- Good Decision Making