

Manasa Kalaga

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Portfolio | LinkedIn | Github

EDUCATION	Gayatri Vidya Parishad College of Engineering <i>Bachelor of Technology in Computer Science (CGPA 8.87/10)</i>	Visakhapatnam, AP, India June 2022
	Sarada Educational Institutions <i>Intermediate Education (Percentage 96.6)</i>	Vijayawada, AP, India June 2018
SELECTED COURSEWORK	Undergraduate Courses Computer Programming through C, Data Structures, Design and Analysis of Algorithms, Computer Organisation and Architecture, Computer Networking, Embedded Systems, Cloud Computing	
TECHNICAL STRENGTHS	Languages C++, Java, Python, GoLang Databases MySQL, MongoDB, PostgreSQL Frameworks and Tools Spring Boot, Qt, Kubernetes, Git, Cucumber, Postman, Jenkins	
EXPERIENCE	Software Engineer, NCR Corporation Product - NCR Consumer Marketing <ul style="list-style-type: none">Orchestrated the development of innovative features by conceiving and implementing Proof of Concepts (POCs), validating concepts through rigorous technical assessments.Engineered C++ engine and Java microservices into cloud infrastructure for a versatile promotion system, covering Point-Of-Sale (POS), store-level servers, and enterprise data centers.Improved debugging processes with the QT framework in MS Visual Studio and QT Creator, ensuring efficient issue resolutionImplemented Behavior-Driven Development (BDD) scenarios, aligning software with product expectations and requirements.	Jul 2022–Present
	Software Engineer Intern, NCR Corporation Product - NCR Consumer Marketing <ul style="list-style-type: none">Solid understanding of product, cloud service integrations, and the orchestration of diverse microservices, all contributing significantly to achieving solutions.Assisted in streamlining the API documentation process by contributing to the integration of OpenAPI Swagger with the Spring Boot REST API.Developed unit tests and substantially enhanced code coverage for the promotions engine.	Jan–Jun 2022
EXTRA CURRICULAR ACTIVITIES	Google Developer Student Clubs Leader, GVPCOE Community Leadership, Technical Sessions Coordination <ul style="list-style-type: none">Played a key role in building a thriving community.Organized technical sessions in Android, Cloud Computing, Web Development, and coordinated HacktoberFest. GirlScript Summer of Code, GirlScript Foundation Python, MongoDB, Web Scraping <ul style="list-style-type: none">Developed a GUI-based Conference Notifier in Python3.x, utilizing libraries such as requests, BeautifulSoup for web scraping, and pymongo for database management to extract and store conference detailsEnabled filtering of conference data based on user-defined tags.	Aug 2020–Jun 2021 Mar–May 2020