

# Manasa Kalaga

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Portfolio | LinkedIn | Github

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