

Medha Goel

Email: goel.medha123@gmail.com | Ph: +1 413-270-3841 | LinkedIn: www.linkedin.com/in/medha-goel | Github: github.com/goelmedha1

EDUCATION

Master of Science in Computer Science University of Massachusetts, Amherst, MA, United States CGPA: 3.50/4	Feb '23 - Dec '24
Bachelors of Engineering in Telecommunication Engineering Dayananda Sagar College of Engineering, Bangalore, India CGPA: 8.88/10	Aug '16 - May'20

SKILLS

- **Programming Languages:** Python, Java, JavaScript, C/C++, SQL
- **Skills:** Git, Pega, Docker, Kubernetes, Linux/Unix, Wireshark, Routing, TCP, IP, Cryptography, Network Security, Compliance, Testing, OpenSSL, Nmap, Information Technology, Information Security, Ethical Hacking, Cloud Computing
- **Web Applications:** HTML, CSS, HTTP, Front End, Back -End
- **Other skills:** Communication Skills, Documentation, Data Structures and Algorithms

PUBLISHED WORK

Goel, Medha. "IOT Based Helmet and Fuel Anti-Theft System in Rental Scooters", International Research Journal of Engineering and Technology, Volume 7, Issue 05 May- 2020.	Mar'20 - May'20
---	------------------------

WORK EXPERIENCE

Programmer Analyst, Cognizant Technology Solutions Kolkata, India.	Dec'20 - Sep'22
<ul style="list-style-type: none">• Worked on PRPC User Interface Development, Sections, Harness, Flow Actions, Developing web based UI's.• Coded various PRPC activities, Data Transforms, Assignments and Declarative rules.	

NOTABLE PROJECTS & INTERNSHIPS

• Hikers N Bikers Elevation Based Navigation System. Role: Frontend Developer Technology: Node.JS, HTML, CSS	Apr'23 - May'23
• Designed Distributed Server Application using multiple Microservices communicating over gRPC for Stock Trading. Skill: Python Technology: Docker, REST	Mar'23 - Apr'23
• IOT Based Helmet and Fuel Anti-Theft System in Rental Scooters. Role: Project Developer Technology: IOT	Oct'19 - May'20
Developer Intern, Cognizant Technology Solutions Bangalore, India. • Developed an application using rules like Flow Action, Data Transform, Activity, Section, Data Page which enabled the customer to manage their existing cards. • Created a System Database, listing card details to display and update to the present value.	Jan'20 - May'20
Developer Intern, DHS Informatics Bangalore, India. • Planned, developed and created a mobile application based on Industrial client specification.	Sep'19 - Oct'19
Research Intern, Bharat Sanchar Nigam Limited Mysore, India. • Observational Study on Optical Fibre Communication, Internet and Networking in Telecom Technology at RTTC Mysuru.	May'19 - Jun'19

CERTIFICATIONS

• Pega Certified System Architect (PCSA) 84V1	Apr '21
• AZ- 900: Microsoft Azure Fundamentals	May '22
• Python for Data Science and Machine Learning Bootcamp	Jun '21
• Senior System Architect (Pega 85V1)	Oct '21