

Ritu Kumari

✉ 2503.ritu@gmail.com [in LinkedIn](#) [on GitHub](#) [Portfolio](#)

Phone: [+91 9818858069](tel:+919818858069)

EXPERIENCE

- IT Associate** | PricewaterhouseCoopers (PwC) Jun 2025 – Dec 2025
- Developed an **automated data processing** and reporting solution using **SQL** and **Python** to extract, filter and organize data from database records into standardized Excel reports.
 - Automated **data consolidation**, workbook formatting and report generation, eliminating manual report creation.
 - Reduced **report generation time from hours to seconds**, eliminated data-entry errors and improved team productivity by enabling self-service report downloads and allowing analysts to focus on higher-value tasks.
- Project Development Mentor** | Google Developer Students Club – IGDТУW | [Certification Link](#) Sep 2024 – Mar 2025
- Assisted juniors in **web development**, **frontend technologies** and **problem-solving** concepts. Guided peers in building projects using **HTML**, **CSS**, **JavaScript** and basic **backend integration**, while helping troubleshoot coding and debugging issues.
 - Collaborated with teams during **technical workshops & sessions** to implement project features and improve application functionality.
 - Strengthened my skills in **software development**, debugging, **Git/GitHub collaboration** and technical mentoring through hands-on project support and team coordination.

PROJECTS

- Car Listing Business Website** | Python, Django, HTML, CSS, Bootstrap | [Project Link](#)
- Built a scalable car listing platform using **Django**, **PostgreSQL & Bootstrap** for responsive frontend featuring **RESTful APIs**.
 - Implemented **OAuth 2.0 authentication (Google & Facebook)** via **django-allauth**, optimized queries and advanced search/filtering.
 - Designed a modular backend architecture and **custom Django Admin Panel** for efficient listing and inquiry management.
- Serverless Feedback Management Pipeline** | API Gateway, Lambda, DynamoDB, Amazon S3, SES and CloudFront | [Project Link](#)
- Architected an **event-driven backend workflow** on **AWS** to process form submissions, securely store uploaded PDFs in S3, maintain structured feedback records in DynamoDB and send automated email notifications using Amazon SES.
 - Implemented GitHub Actions **CI/CD pipeline** for automated frontend deployment to S3 with CloudFront cache invalidation while applying IAM-based least-privilege security and CloudWatch monitoring across the architecture.
- Blogging System** | HTML, CSS, Python, Django | [Project Link](#)
- Designed a dynamic blogging platform using **Python (Django) & SQLite database**, ensuring users create, update and publish blogs.
 - Integrated **secure authentication** and **RESTful workflows** & enabled **category-based content management**
 - Added **comment systems** and an **Admin interface**, ensuring a **scalable, maintainable backend architecture** and **responsive UI**.

TECHNICAL SKILLS

Programming & Query Languages: Python, C++, SQL.

Web Technologies & Architecture: HTML5, CSS3, Microservices Architecture, RESTful API Development.

Framework & Libraries: Django, Django REST Framework.

Databases: MySQL, PostgreSQL, Oracle.

Cloud & DevOps: AWS(Basics), Docker, Kubernetes, CI/CD Pipelines.

Messaging & Streaming: AWS SQS, Apache Kafka.

Core Skills: Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), DBMS, Operating Systems, Computer Networks, System Design (HLD/LLD), Scalable System Architecture.

Methodologies: Software Development Life Cycle (SDLC), Agile Basics.

Tools & Platforms: Git, GitHub, Vs Code, PyCharm, Postman, ChatGPT, Google Gemini, Grok, Claude, Copilot.

Soft Skills: Strong problem-solving skills, Communication, Teamwork, Flexible & Adaptable, Leadership, Public speaking.

EDUCATION

- Indira Gandhi Delhi Technical University for Women (IGDTUW)** Sep 2023 – May 2025
Master of Computer Applications GPA: 8.21
- Deen Dayal Upadhyaya College (DDUC), University of Delhi** Sep 2020 – May 2023
Bachelor of Science (Hons.) Computer Science GPA: 8.70

POSITION OF RESPONSIBILITY & EXTRA CURRICULAR

- Production Head** | Core Council – TEDxDDUC Nov 2022
- Handled a team of **200+ volunteers** & coordinated **4+ artists** across a day
 - Ensured smooth execution of event and handled the documentation for **2 lac+** budget.
- Host of Farewell Event** | Computer Science Branch of DDUC Mar 2022
- Volunteer** | Opcar Foundation Charity Sep 2021 – Present

CERTIFICATION & ACHIEVEMENTS

- Enhancing Soft Skills and Personality Development Certification, NPTEL online Certification | [Certification Link](#)
- Passed Python HackerRank skill certification test | [Certification Link](#)
- Passed Software Design HackerRank skill certification test | [Certification Link](#)
- Regional Level Achiever of Mental Maths, Govt. Girls Sr. Sec. School