

# KANIKA DHIMAN

☎ (470) 920-8720 ✉ [dhimankanika17@gmail.com](mailto:dhimankanika17@gmail.com) 🌐 [kanika-dhiman](https://www.linkedin.com/in/kanika-dhiman) 📄 [kanikadhiman17](https://www.github.com/kanikadhiman17) 📍 Cupertino, CA

## Education

### Georgia Institute of Technology

Aug. 2022 – May 2024

*Master of Science in Computer Science – Computing Systems Specialization, GPA: 4.0/4.0*

*Atlanta, Georgia*

*Relevant Coursework:* Database Systems, Computer Networks, Advanced Internet Computing, Enterprise Computing, Data & Visual Analytics

### Indian Institute of Information Technology, D&M, Jabalpur

Aug. 2016 – Jun. 2020

*Bachelor of Technology in Computer Science & Engineering, GPA: 9.4/10*

*Jabalpur, India*

**Gold Medalist** (ranked 1<sup>st</sup>/400), *Academic Proficiency Medal (CSE), Director's Medal in Games & Sports*

*Relevant Coursework:* Operating Systems, Computer Networks, DBMS, Data Structures & Algorithms, Software Engineering, Machine Learning

## Industrial Experience

### Apple Inc.

Jul. 2024 – Present

*Software Engineer*

*Cupertino, CA*

- **Lead automation tooling** across multiple RF technologies (Bluetooth, NFC, WiFi, Cellular) for factory production build verification, enabling seamless integration and quality assurance across global manufacturing operations
- **Manage cross-functional team of 50+ developers** across multiple timezones, coordinating offshore engineering resources, overseeing tool development lifecycles, and ensuring deliverables align with Apple's quality standards
- **Pioneered AI-driven automation** for integrating radiation control quality test data, accelerating cross-team approvals and reducing manual review cycles by enabling intelligent data aggregation and analysis from thousands of test reports

### The Mathworks, Inc.

Jun. 2024 – Jul. 2024

*EDG Engineer*

*Natick, MA*

- Provided technical support for enterprise MATLAB/Simulink workflows and led business application development

### Apple Inc.

May 2023 – Dec. 2023

*Software Engineer Intern*

*Cupertino, CA*

- **Single-handedly delivered** end-to-end budget management tool deployed org-wide in 6 months, managing R&D forecasting and expenditure tracking with complete application lifecycle ownership from design to production
- **Scaled impact beyond team** by building reusable backend template adopted across organization, featuring authentication, notifications, theming, and role-based access control, reducing new app development time by 40%

### Zolo Property Solutions

Sep. 2020 – Jul. 2022

*Software Development Engineer (Backend)*

*Bangalore, India*

- **Drove feature development** across microservices serving 50,000+ tenants, translating PRDs into scalable REST APIs with event-driven architecture and payment gateway integrations
- **Led intern mentorship program**, coaching 2 junior engineers on backend development best practices while managing data migration pipelines between MongoDB and MySQL across multiple microservices
- **Generated \$10,000+ monthly revenue** by rapidly delivering payment features under COVID constraints while automating legal paperwork that eliminated 20,000 papers monthly
- **Architected nationwide COVID supplies distribution platform** managing end-to-end inventory tracking, stock transfers, and tenant handouts across 100+ properties during critical pandemic response
- **Reduced compatibility complaints by 70%** through ML-based roommate recommendation algorithm that matched tenant preferences, significantly improving resident satisfaction and retention

### Oracle

May 2019 – Nov. 2019

*Software Engineer Intern*

*Bangalore, India*

- **Architected generalized automation platform** for Oracle Retail Cloud Applications, enabling post-release validations and outage testing across multiple production systems, reducing QA cycles and improving release confidence
- **Reduced manual testing time by 90%** through parallelized Selenium script execution, custom reporting, automated data extraction, and multi-customer testing capabilities, saving 200+ engineering hours monthly

### IIT Bombay | Fundamental Research Group (FRG) | 📄

May 2018 – Jul. 2018

*Project Intern, Ekalavya Summer Internship' 18, Prof. DB Phatak*

*Mumbai, India*

- **Designed and deployed real-time notification system** for Collaborative-Communities portal, enabling instant user updates and improving engagement by 35% across 10,000+ active users
- **Championed Test-Driven Development** by implementing comprehensive unit and integration test suites, ensuring code correctness and maintainability | 📄

Academic Experience

Georgia Tech.	Jan. 2024 – May 2024, Jan 2023 – May. 2023
Head TA, CSE 6242: Data & Visual Analytics	Atlanta, GA
<ul style="list-style-type: none"><li>Led and mentored 8-member TA team across two semesters, coordinating workload distribution, facilitating communication between campus and online (OMSCS) instructors, and ensuring consistent course delivery quality</li><li>Managed full course operations for 300+ students including content preparation, assessment design, project presentations, grading workflows, and student support, maintaining 95%+ student satisfaction ratings</li></ul>	
Georgia Tech.	Nov. 2022 – Dec 2022
Graduate Assistant, Wellness Empowerment Center	Atlanta, GA
<ul style="list-style-type: none"><li>Led wellness programs by coordinating workshops/events, managing targeted social media outreach, and streamlining wellness resource operations for the student community</li></ul>	
Indo-Japanese Student Exchange Program	Dec. 2018
Indian Ambassador, Jenesys 2018: Science & Technology	Tokyo, JP
<ul style="list-style-type: none"><li>Selected as 1 of 20 students nationwide for fully-funded Japan–India Exchange Scholarship (Science &amp; Technology category) sponsored by Ministry of Foreign Affairs, Japan, representing India’s top STEM talent</li><li>Served as Cultural and Technology Ambassador, delivering high-impact presentations to MOFA leadership and engaging with premier institutions including JAXA, top universities, science museums, and cultural organizations</li><li>Drove bilateral knowledge exchange by presenting comprehensive technological and cultural insights upon return, strengthening India-Japan collaborative relationships in STEM fields</li></ul>	

Technical Skills

Languages: Java, Python, SQL, C++, HTML/CSS	Databases: PostgreSQL, MongoDB, Neo4j, Elastic Search
Frameworks: Spring Boot, Reactive Spring, JPA/Hibernate, Django, React, Flask, ActiveMQ, Redis, Rest Assured, JUnit	
Cloud & Deployment: Gitlab CI/CD, Serverless Deployment, AWS: Lambdas, API Gateway, S3, EventBridge	

Achievements & Leadership

2024	Atlanta	Head Teaching Assistant, CSE 6242: Data & Visual Analytics, Georgia Tech (2 semesters)
2021	Jabalpur	University Gold Medal, IIITDM Jabalpur, ranking 1 <sup>st</sup> out of 400 students
2021	Jabalpur	Academic Proficiency Medal (CSE), IIITDM Jabalpur, ranking 1 <sup>st</sup> out of 600 students
2021	Jabalpur	Director’s Medal for Games & Sports, IIITDM Jabalpur, ranking 1 <sup>st</sup> out of 100 students
2019	Bangalore	Oracle Certificate of Appreciation, recognized among ~100 interns
2018	Tokyo	Indo-Japanese Ambassador, JENESYS 2018 – 1 of 20 nationwide (Science & Tech)
2018	Mumbai	Ekalavya Internship, IIT Bombay – selected as 1 of 70 students nationwide