

KANIKA DHIMAN

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EDUCATION

Georgia Institute of Technology

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

Aug. 2022 – May 2024

Atlanta, Georgia

Indian Institute of Information Technology, D&M, Jabalpur

Bachelor of Technology in Computer Science & Engineering, (Gold Medalist), GPA: 9.4/10

Aug. 2016 – Jun. 2020

Jabalpur, India

Other Awards: Academic Proficiency Medal (CSE), JENESYS Scholarship, Director's Medal in Games & Sports

INDUSTRIAL EXPERIENCE

Apple Inc.

Software Engineer

Jul. 2024 – Present, May 2023 – Dec. 2023

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
- **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

Bangalore, India

Software Development Engineer (Backend)

- **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

Bangalore, India

Software Engineer Intern

- **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

Mumbai, India

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

- **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.

Head TA, *CSE 6242: Data & Visual Analytics*

Jan. 2024 – May 2024, Jan 2023 – May 2023

Atlanta, GA

- 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
- Managed full course operations for 300+ students including content preparation, assessment design, project presentations, grading workflows, and student support, maintaining 95%+ student satisfaction ratings

Georgia Tech.

Graduate Assistant, *Wellness Empowerment Center*

Nov. 2022 – Dec 2022

Atlanta, GA

- Led wellness programs by coordinating workshops/events, managing targeted social media outreach, and streamlining wellness resource operations for the student community

Indo-Japanese Student Exchange Program

Indian Ambassador, *Jenesys 2018: Science & Technology*

Dec. 2018

Tokyo, JP

- Selected as **1 of 20 students nationwide** for fully-funded Japan–India Exchange Scholarship (Science & Technology category) sponsored by Ministry of Foreign Affairs, Japan, representing India's top STEM talent
- 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
- Drove **bilateral knowledge exchange** by presenting comprehensive technological and cultural insights upon return, strengthening India-Japan collaborative relationships in STEM fields

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 st out of 400 students
2021	Jabalpur	Academic Proficiency Medal (CSE), IIITDM Jabalpur, ranking 1 st out of 600 students
2021	Jabalpur	Director's Medal for Games & Sports , IIITDM Jabalpur, ranking 1 st out of 100 students
2019	Bangalore	Oracle Certificate of Appreciation , recognized among ~100 interns
2018	Tokyo	Indo-Japanese Ambassador , <i>JENESYS 2018</i> – 1 of 20 nationwide (Science & Tech)
2018	Mumbai	Ekalavya Internship , IIT Bombay – selected as 1 of 70 students nationwide