

KANIKA DHIMAN

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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

Indian Institute of Information Technology, D&M, Jabalpur

Aug. 2016 – Jun. 2020

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

Jabalpur, India

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

INDUSTRIAL EXPERIENCE

Apple Inc.

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

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
- **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) | [G](#)

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 | [G](#)

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">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 qualityManaged 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.	Nov. 2022 – Dec 2022
Graduate Assistant, Wellness Empowerment Center	Atlanta, GA
<ul style="list-style-type: none">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	Dec. 2018
Indian Ambassador, Jenesys 2018: Science & Technology	Tokyo, JP
<ul style="list-style-type: none">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 talentServed 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 organizationsDrove 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, JENESYS 2018 – 1 of 20 nationwide (Science & Tech)
2018	Mumbai	Ekalavya Internship, IIT Bombay – selected as 1 of 70 students nationwide