Mukta Deshmukh

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EDUCATION

University of Georgia – Athens, GA – *BS Computer Science*   Expected Graduation: DEC 2025

- Cumulative GPA: 3.88
- Relevant Courses: Algorithms, Data Structures, Human-Computer Interaction, Database Management, Web Programming
- Clubs: Women in Technology Club, Girls Dot Code at UGA, and ACM@UGA

SKILLS AND CERTIFICATIONS

- **Languages:** Java, Python, C, HTML, CSS, React.js, SQL, Next.Js, JavaScript, TypeScript
- **Operating Systems:** macOS, Windows 10, Linux
- **Tools:** Visual Studio Code, Eclipse, Figma, Microsoft Office Suite, Git, Microsoft Azure, IntelliJ IDEA, MySQL, MongoDB
- **Certificates:** Google UX Design – *Dec 2023*

WORK EXPERIENCE

Capgemini, *Technology Consulting Intern*   JUN 2025 – JUL 2025

- Contributed to the development of VendSmart/VendPrime, planning applications that optimize vending machine replenishment and product recommendations by leveraging historical sales, live telemetry data, and machine logistics to reduce stockouts, minimize visit frequency, and improve product placement using ML models and configurable business rules
- Improved frontend accessibility and enhanced navigation to identify customers at a particular plant during issue resolution, reducing manual lookup and improving troubleshooting efficiency by querying customer data with Azure SQL and integrating existing APIs using React.js and Node.js

University of Georgia, *Undergraduate Research Assistant @ School of Computing*   JAN 2025 – MAY 2025

- Collaborated with Dr. Ari Schlesinger and two UGA research students to develop a React-based Chrome Extension that visualizes the average water consumption of ChatGPT queries, increasing user awareness of the environmental costs of AI interactions through just-in-time information delivery

University of Georgia, *Student Engagement Ambassador*   SEP 2024 – NOV 2024

- Networked with alumni, parents, and students to strengthen community ties and promote engagement within the University of Georgia
- Managed donations to ensure funds supported the right UGA initiatives while evaluating feedback to enhance the overall UGA experience

Visual Forecast, *Cloud Computing Intern*   JUN 2024 – AUG 2024

- Contributed to the analysis and evaluation of secure solutions for a healthcare client, focusing on transferring patient data to Microsoft Azure while ensuring HIPAA compliance
- Explored and applied cloud technologies to strengthen the scalability and reliability of the BuSolv application
- Documented and streamlined BuSolv application processes that use Azure SQL and C#, creating detailed process flows and comprehensive guides tailored for both technical and non-technical stakeholders to ensure clarity and ease of use for future teams

Cisco, *Extern*   JUL 2021

- Collaborated seamlessly with a diverse cohort of 60 students and professionals from across the United States and Canada
- Actively engaged with other externs on a healthcare-focused capstone project, developing a wearable device that monitors body levels and automatically notifies hospitals to support patients in emergencies using Cisco's technology products.

PROJECTS

SkyDeals: An airline ticketing app that allows users to search, book and manage flights by implementing database-driven records using *React.js*, *MySQL*, and *Spring Boot*.

BiteMap: A restaurant-finding app with interactive search, location-based filtering, map integration, and the ability to save favorite restaurants with comments. using *Figma*, *Next.js*, *Google Maps and Google Places API* and *MongoDB*.

AI Water Externality: A chrome extension that visualizes the average water consumption of ChatGPT queries and provides real-time insights to raise user awareness of AI's environmental impact using React and interactive UI components.