

TANISHA BISHT

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EDUCATION

Columbia University (CU)

New York, NY

Master's in Computer Science (GPA: 3.62/4)

Aug 2023 - Dec 2024

- *Coursework:* Cloud Computing & Big Data, Operating System, Programming Languages and Translators, Analysis of Algorithms, Design for Generative AI, Applied Machine Learning, Data Visualization, User Interface Design, Databases
- *Teaching Assistant (Jan 2024 - May 2024)* for course Computer Systems for Data Science
- *Research Assistant - Decision Engine for Socioeconomic Disaster Risk (Jan 2024 - Dec 2024):* design, build and deploy database tools to help farmers worldwide make decisions to adapt to climate change

SRM Institute of Science and Technology

Chennai, IN-TN

Bachelor of Technology in Computer Science and Engineering (GPA: 9.44/10)

Apr 2019 - Apr 2023

- SRMJEE Full Academic Scholarship Recipient

SKILLS

Languages

JavaScript, TypeScript, Python, C++, SQL, HTML, CSS

Tools and Technologies

React, Next.js, Node.js, Flask, AWS, Docker, MongoDB, MySQL, Jest, Mocha, Selenium

SDLC Workflow and Tools

Agile, Jira, Git (Version Control), GitHub Actions (CI/CD), Gitlab, BitBucket

WORK EXPERIENCE

InSynchro

Malaysia (Remote)

Associate Software Developer

Jun 2020 - Jun 2023

- Led the development of a feature allowing clients to build and customize forms, boosting user engagement
- Delivered 30% faster release cycle by developing, maintaining, and deploying robust and resilient frontend production code
- Engineered a robust automation framework using Azure and Selenium, cutting periodic data extraction time for the client by 95%
- Built a scalable UI component library in React, enhancing design consistency across 6+ products and reducing development time by 40%

INTERNSHIPS

CIGS Technology

Chennai, IN-TN

Full-Stack Software Intern

Dec 2022 - May 2023

- Engineered 20+ WhatsApp flows using yellow.ai, connecting users with Indian NGOs and enabling seamless donation transactions.
- Built backend using Frappe, cutting development time by 40% with a focus on business logic and built-in auth and permissions
- Streamlined user alert processes by 55% using AWS SNS and Lambda Functions, delivering timely SMS and email notifications

GitHub Externship

Remote

GitHub Intern

Jun 2021 - Oct 2021

- Boosted project results by conducting user research, presenting key findings, and designing UI for efficient event hosting
- Achieved a 60% faster development cycle by implementing collaboration guidelines and standardized naming practices, coordinating effectively with 5 developers
- Increased accessibility by 80% through targeted code changes, creating a more user-friendly application

InSynchro

Malaysia (Remote)

Software Development Engineer Intern

Mar 2020 - May 2020

- Realized 100% code coverage by writing comprehensive tests for frontend and backend applications, ensuring robust functionality
- Implemented high-performance RESTful web services in Node.js, improving system scalability and reliability
- Achieved a 35% performance increase in the application by utilizing Redux for state management and employing memoization to optimize rendering processes

PROJECTS

Trivia.ai Built a knowledge assessment web application using Google's PaLM2 LLM model and Vertex API for quiz and flashcard generation. Implemented serverless architecture on GCP with MongoDB Atlas for efficient data storage, achieving high performance.

GitGlance Created a personalized open-source project recommendation app. Used React for frontend and architected backend infrastructure using AWS micro-services: Cognito, S3, DynamoDB, Lambda, API Gateway, Event Bridge Scheduler and Personalize.

BoxMate (SaaS Application) A platform connecting home cooks with people seeking homemade meals. Built with Ruby on Rails, it features 100% TDD code coverage with RSpec and thorough BDD coverage with Cucumber, ensuring robust functionality and validated system behavior.