

Disha Bodduluri

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EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK
Bachelor of Science, Information Technology and Management
Minor: Computer Science

May 2027

EXPERIENCE

VB Tech Inc.

Albany, NY

Software Engineer Intern

June 2025-August 2025

- Designed and implemented RESTful APIs using Java Spring Boot, powering core SaaS features such as user management, data access, and reporting.
- Optimized PostgreSQL queries and schema design to support high-volume transactional data, improving query performance by 60%.
- Built full-stack features integrating Angular front-end with Spring Boot services, enabling real-time data updates and improving user experience.
- Developed Python scripts for data parsing and applied object-oriented principles across Java and Python codebases to ensure maintainability and scalability of SaaS modules feature rollouts.

Albany, NY

Software Engineer Intern

June 2024-August 2024

- Engineered scalable data ingestion pipelines using Python and DynamoDB, processing over 500K+ records daily to support real-time analytics in a SaaS environment.
- Built data visualization dashboards using Python (Pandas, Matplotlib) to monitor usage metrics and system health.
- Developed reusable Angular components for internal admin tools, improving UI consistency and reducing development time by 30%.
- Refactored backend Python services using OOP, integrated front-end and back-end via RESTful APIs, and participated in Agile sprints, reducing complexity by 25% and latency by 40%.

PROJECTS

Full-Stack Flashcard Learning App

- Built a full-stack web app with Angular, Spring Boot, and PostgreSQL to review study materials
- Implemented RESTful APIs and CRUD functionality supporting efficient learning for 50+ users.
- Tech Stack: Angular, Spring Boot, PostgreSQL, REST APIs

Full-Stack Scheduling Platform

- Built a responsive web app for browsing, filtering, and registering events with conflict-free scheduling.
- Integrated backend services for real-time updates, improving coordination for 100+ users.
- Tech Stack: ReactJS, Node.js, PostgreSQL, REST APIs

ACTIVITIES

UB Hacking (Hackathon Participant)

- Built and pitched a responsive scheduling web app in 24 hours, collaborating with teammates to automate conflict-free event registration.

Women in Science and Engineering (WISE)

- Mentored STEM students and led events, boosting engagement by 20% through workshops and networking.

TECHNICAL SKILLS

Languages & Frameworks: Java, Python, JavaScript/TypeScript, SQL, Angular, ReactJS, Node.js, HTML/CSS

Backend & Databases: PostgreSQL, DynamoDB, Spring Boot, REST APIs, Design Patterns, Hosting/Deployment

Tools & Others: Git, VS Code, IntelliJ, Postman, Insomnia, OOP, Agile