ANIRUDH DEVERAM

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EDUCATION

Rutgers University - The State University of New Jersey   New Brunswick, NJ
Bachelor of Science, Computer Science & Data Science   *Graduating May 2026 - Dean's List*

TECHNICAL SKILLS

Languages: Java, Python, C#, JavaScript, SQL
Backend: Spring Boot, REST APIs, PostgreSQL, Redis
Frontend: React
Cloud & Tools: AWS (EC2, S3), Docker, Terraform, Git
Concepts: Object-Oriented Programming, Concurrency, CI/CD, Agile

EXPERIENCE

Software Development Intern   June 2025 – August 2025
Samsung SDSA   *Ridgefield Park, NJ*

- Built and shipped a full-stack internal tool (Spring Boot, React) to manage Virtual Disk Image requests, replacing a manual ticket-based workflow.
- Implemented backend services to automate VDI provisioning using Terraform and custom scripts, reducing manual setup time for IT engineers.
- Designed and integrated a PostgreSQL schema to store request, usage, and cost data; wrote queries to support reporting and cost-tracking dashboards.
- Developed a responsive React UI with form validation and admin views to improve request submission and visibility.
- Worked in a small agile team using Git-based workflows, code reviews, and sprint planning to deliver features incrementally.

Data Analytics Extern   September 2024 – December 2024
Colgate Palmolive   *Piscataway, NJ*

- Cleaned and merged datasets from marketing and finance systems to prepare inputs for dashboards.
- Automated weekly dashboard updates using Google Apps Script, reducing manual updates.
- Queried data with SQL and performed exploratory analysis to support strategy discussions.

PROJECTS

Order Matching Engine | *Java, Concurrency*   Nov 2025 – Present

- Built an in-memory order matching engine in Java supporting market and limit orders with price–time priority.
- Implemented thread-safe data structures to handle concurrent order submission and matching.
- Benchmarked throughput and latency under simulated load to identify performance bottlenecks and validate correctness.

PoraoBD - Tutoring Platform | *Spring Boot, PostgreSQL, React, OpenAI API*   September 2025 – Present

- Built an AI-driven tutoring platform that matches students with tutors based on semantic relevance and real-time availability.
- Developed a secure RESTful backend with JWT authentication and real-time messaging using WebSockets.
- Integrated OpenAI API for tutor ranking and optimized embedding queries to improve response time and scalability.

Window Jumper | *C#, .NET, WebView2*   Apr 2025 - Present

- Built a lightweight desktop browser application triggered via global hotkeys for rapid navigation.
- Implemented persistent JSON-based configuration for window state, shortcuts, and startup behavior.
- Refactored the application into modular .NET components to improve maintainability and future feature expansion.