ANIRUDH DEVERAM

(240) 660-8492 | anirudhdeveram@gmail.com | linkedin.com/in/anirudhdeveram | deveram.guru

EDUCATION

Rutgers University - The State University of New Jersey   New Brunswick, NJ
Bachelor of Science, Computer Science & Data Science   *Expected: May 2026*

EXPERIENCE

Software Development Intern   June 2025 – August 2025
Samsung SDSA   *Ridgefield Park, NJ*
- Developed a full-stack internal tool using Spring Boot and React to manage Virtual Disk Image (VDI) requests and processing, streamlining a workflow previously handled through manual tickets.
- Created backend services that automated VDI generation and deployment with Terraform and custom scripts, reducing repetitive configuration tasks for IT engineers.
- Designed relational schema and integrated PostgreSQL for storing ticket, usage, and cost data; implemented queries to support reporting and cost-tracking dashboards.
- Built a responsive React interface with form validation and tables for administrators and clients, making request submission and tracking more intuitive.
- Collaborated in a 4-person agile team using Git branching workflows, sprint planning, and code reviews to deliver features incrementally and maintain quality.

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

PoraoBD - Tutoring Platform | *Spring Boot, PostgreSQL, React, OpenAI API*   September 2025 – Present
- Built an AI-driven tutoring platform for HackRU that matches students with tutors using semantic embeddings and cosine similarity for personalized recommendations.
- Developed RESTful backend with JWT authentication; implemented real-time chat via WebSockets and integrated bKash payment gateway.
- Created responsive frontend with React, including OAuth login (Google) and live chat using SockJS + STOMP.
- Integrated OpenAI API for AI-powered tutor ranking and optimized embedding queries for performance.
- Added Google Maps API for geolocation-based tutor search; continuing project development beyond hackathon submission.

Window Jumper | *C#, .NET, WebView2*   April 2025 – Present
- Built a lightweight custom browser toggled by global hotkeys, with tray-icon access for quick navigation.
- Implemented JSON-based persistent settings for window size, startup behavior, and custom shortcuts.
- Added multi-tab support with session restoration to resume browsing state after closing.
- Integrated WebView2 for modern rendering while keeping performance lightweight.
- Refactored into modular .NET components to simplify maintenance and feature expansion.

Fast Food App | *Android, Java*   April 2025
- Rebuilt a JavaFX POS system as an Android app using MVC design principles.
- Implemented RecyclerViews for menu browsing and a combo-builder ordering flow.

Bank App | *JavaFX*   February 2025
- Developed a GUI banking system with multiple account types and transaction operations.
- Wrote unit tests with JUnit to validate account logic and transaction handling.

TECHNICAL SKILLS

Programming: Java (Spring, Spring Boot, JavaFX, Android, J2EE), Python, C#, C++, SQL, NoSQL
Databases: PostgreSQL, MongoDB, Redis
Web/Backend: Spring Boot, REST APIs, Node.js, React.js
DevOps/Cloud: Docker, Terraform, AWS (EC2, S3), Linux, Git
Other: OOP, MVC, Agile/Scrum, Unit Testing (JUnit, PyTest), CI/CD