

# RISHAB DAS

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## SUMMARY

Full-stack software engineer with 3 years of experience delivering production systems in C#.NET 10 and SQL across web applications, service layers, and data pipelines. Responsible for the integration platform connecting Repligen's global instrument fleet to production web services. Proven ability to modernize legacy codebases, implement infrastructure tooling, and deliver reliable, maintainable software end-to-end.

## TECHNICAL SKILLS

<b>CORE STACK</b>	C#, .NET 10 (ASP.NET Core), SQL Server, PostgreSQL, T-SQL
<b>LANGUAGES</b>	Python, JavaScript, TypeScript, Java, C#
<b>FRAMEWORKS</b>	Django, React, Vue.js, Node.js, Angular
<b>DATA &amp; CLOUD</b>	ETL Pipelines, RabbitMQ, AWS, Azure, Docker, REST APIs
<b>PRACTICES</b>	Agile / Scrum, CI/CD, Git, AI/LLM Integration, SDLC

## PROFESSIONAL EXPERIENCE

### Repligen Corporation

Bridgewater, NJ

Software Engineer

September 2023 – Present

- Own the full-stack integration platform (C#.NET 10, SQL Server) bridging web applications and middle-tier services to a globally deployed analytical instrument fleet. Cut communication latency 42%.
- Drove migration of legacy .NET desktop and service applications to .NET 10 — delivered measurable gains in runtime performance, maintainability, and firmware communication stability.
- Introduced Docker across the engineering team. Standardized dev environments, eliminated dependency conflicts, and accelerated build-to-deploy cycles company-wide.
- Architected REST APIs powering internal web applications and data pipelines for cancer vaccine research and GMP pharmaceutical manufacturing.
- Serve as primary escalation point for production debugging across all engineering teams. Interface directly with end users — scientists, lab managers, operations — to diagnose failures and ship targeted fixes.
- Built data management tooling enabling non-technical stakeholders to query, filter, and export analytical datasets from backend stores through front-end reporting interfaces.

### C Technologies, Inc. — A Repligen Company

Bridgewater, NJ

Software Engineer Intern

May 2023 – September 2023

- Shipped a centralized telemetry hub (C#, SQL Server, JavaScript) aggregating live data from Repligen devices worldwide over encrypted IP channels.
- Built web interfaces connecting spectroscopy hardware to backend services — gave lab technicians unified instrument monitoring and control.

### Everready Group (ERG)

East Brunswick, NJ

Data Engineer Intern

May 2022 – September 2022

- Selected from 300+ applicants. Designed Python web crawlers that automated supplier order processing and ingestion into the company data warehouse — replaced manual entry workflows entirely.
- Optimized ETL pipelines across multiple supplier systems. Increased data accuracy and operational throughput for downstream reporting.

## EDUCATION

### Rutgers, The State University of New Jersey

New Brunswick, NJ

Bachelor of Science in Computer Science

May 2023

Dean's List (3 years) · Systems Programming, Algorithm Design, Computer Architecture, AI