

# Jeet Soni

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## PROFESSIONAL SUMMARY

Software Developer with hands-on experience building production-ready REST APIs and backend systems using Express.js, FastAPI, PostgreSQL, and MongoDB. Delivered 30–40% gains in data handling, validation, and system reliability across two Agile internships. Committed to producing clean code, applying test-driven development, and building scalable architectures to solve real-world problems.

## EDUCATION

### Rutgers University - New Brunswick

*Bachelor of Science in Computer Science*

New Brunswick, NJ

Sep 2022 – May 2025

### Middlesex College

*Associate's in Computer Science*

Edison, NJ

Sep 2020 – May 2022

## EXPERIENCE

### Software Developer Intern

*Sanctumcloud*

Jan 2025 – May 2025

Ashburn, VA

- Implemented RESTful APIs with Express.js and MongoDB, boosting data throughput by 30% and streamlining backend operations.
- Devised and deployed 7+ scalable MongoDB schemas, reinforcing data integrity and enabling future growth.
- Tested and debugged runtime input validation using Zod, cutting production-level data errors by 40%.
- Collaborated with a cross-functional Agile team to improve sprint planning and reduce delivery gaps by 20%.

### Software Developer Intern

*Codejockey.io*

Jun 2024 – Aug 2024

Middletown, MD

- Spearheaded enhancements to internal APIs using FastAPI, improving reliability by 30% in dev and staging environments.
- Improved code maintainability by replacing 90% of raw SQL with ORM models developed using SQLAlchemy.
- Integrated JWT-based authentication and logging middleware, which decreased auth-related errors by 30% and improved traceability by 60%.
- Created 15+ Pydantic schemas and unit tests, achieving 85% coverage and enforcing strong data validation.

## PROJECTS

### Automated Seat Wiper | C++, Arduino, Ultrasonic Sensors, IoT

Jul 2025 – Present

- Designed an Arduino-powered toilet seat with 95% user detection and consistent sensor-driven wiping.
- Configured sensor and servo hardware, and programmed wiper logic in C++ with 90% activation accuracy.
- Addressed hygiene concerns by automating toilet seat cleaning, focusing on women's sanitation needs.

### Movies Rest API | Python, Flask, PostgreSQL, Swagger, Pydantic, PyTest

Aug 2024 – Oct 2024

- Architected a PostgreSQL schema and ER diagram with 6+ tables for scalable data modeling.
- Developed 10+ Flask API endpoints with Pydantic validation to reduce input errors and ensure data integrity.
- Increased test reliability by achieving 95% PyTest coverage, reducing regressions during development.
- Steered API documentation with Swagger UI, decreasing developer onboarding time by 40%.

## TECHNICAL SKILLS

**Languages:** Python, Java, C/C++, C#, JavaScript(ES6+), TypeScript, SQL, Shell Script, HTML5/CSS3

**Frameworks:** FastAPI, Flask, Node.js, Express.js, React.js, Next.js, Spring Boot, SQLAlchemy, TailwindCSS

**Databases:** MySQL, PostgreSQL, MongoDB (NoSQL), Redis

**Developer Tools:** Git, Docker, AWS, Vercel, CI/CD, VS Code, Jira, Postman, IntelliJ, Eclipse

**Others::** RESTful APIs, Agile/Scrum, OAuth2, JWT, API Documentation, Test-Driven Development (TDD)

## CERTIFICATIONS

### AWS Certified Cloud Practitioner

Feb 2025 – Feb 2028

- Gained expertise in AWS architecture, billing, and security through exam prep and hands-on labs.
- Configured EC2, S3, Lambda, and IAM to deploy scalable, secure cloud applications.