RISHITA RAI

Vadodara, Gujarat 390019 | +91-8696495102 | rishitarai09@gmail.com | linkedin.com/in/rishita-rai-data | github.com/rish28rai | Open to Relocation

PROFESSIONAL SUMMARY

Results-driven **Software Engineer** and MCA graduate (2026) with 3+ months of SDE internship experience building scalable full-stack web applications using **Python, JavaScript, React.js, Node.js, Django**, and **RESTful APIs**. Improved application performance by 15%, reduced merge conflicts by 25%, and automated data pipelines saving ~50% manual effort. Strong in data structures and algorithms, SQL/NoSQL databases, CI/CD, Agile/Scrum, and Git-based collaboration. Seeking Software Engineer, Full-Stack, or Backend Developer roles.

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6+), TypeScript (familiar), Java, C, C++, SQL

Frontend: React.js, Next.js (familiar), HTML5, CSS3, Bootstrap, Responsive Design

Backend & APIs: Node.js, Express.js, Django, FastAPI, RESTful API Design & Integration, JWT Authentication, Asynchronous Programming, Postman

Databases: PostgreSQL, MongoDB, MySQL, Data Modelling, Query Optimization

DevOps & Cloud: Git, GitHub, GitHub Actions, CI/CD, Docker (familiar), Render, Vercel (familiar), AWS basics, Google Cloud basics

CS Fundamentals: Data Structures & Algorithms, OOP, MVC Pattern, Debugging, Performance Optimization, Code Reviews

AI / ML & Data: NLP, NLTK, spaCy, scikit-learn, Pandas, NumPy, Matplotlib, Power BI, Advanced Excel

Methodologies: Agile / Scrum, Software Development Life Cycle (SDLC), Collaborative Software Development

WORK EXPERIENCE

Software Development Engineer (SDE) Intern

AccioJob | Jan 2026 - Mar 2026 | Remote

- Engineered full-stack features using **React.js, Node.js, and PostgreSQL**, improving application performance by **15%** through query optimization and code refactoring.
- Designed and integrated **RESTful APIs** for seamless frontend-backend communication, reducing data-fetch latency and improving reliability across modules.
- Owned **Git/GitHub** source-control and release workflow for a **7-developer team**, defining branching conventions and code-review gates that reduced merge conflicts by **25%** in the first month.
- Worked in **Agile/Scrum** sprints with developers and UI/UX designers, coordinating feature merges and release readiness to meet delivery timelines.
- Created an onboarding guide for new SDE interns, reducing initial training time by **1 week**.

PROJECTS

User Payout Management System | github.com/rish28rai/payout-management-system

Tech Stack: Python, Django, PostgreSQL, REST APIs, JWT Auth, React.js

- Built a full-stack payout platform with **role-based access control**, automated transaction processing, and real-time status tracking for **100+ user accounts**.
- Designed secure **RESTful API** endpoints with **JWT authentication** and input validation, reducing manual processing effort by **~40%**.

E-Commerce Web Application | github.com/rish28rai/ecommerce-mern

Tech Stack: MongoDB, Express.js, React.js, Node.js, Razorpay API, JavaScript, HTML, CSS

- Built a production-ready **MERN stack** platform with user authentication, shopping cart, and secure checkout via end-to-end **REST API** design.
- Integrated **Razorpay Payment API** supporting **100+ user interactions** with zero payment failures in testing; deployed on Render with a **CI/CD pipeline** via GitHub Actions.

EcoTracE - Greenwashing Detector | github.com/rish28rai/ecotrace

Tech Stack: Python, NLP (NLTK / spaCy), scikit-learn, Machine Learning, HTML, CSS

- Engineered an **NLP text classification pipeline** using NLTK, spaCy, and scikit-learn to detect misleading environmental claims, achieving **~85% accuracy**.
- Automated the end-to-end text analysis pipeline in Python, reducing manual review effort by **~50%**.

EDUCATION

Master of Computer Applications (MCA) | Parul University, Vadodara | 2024 - 2026 | **CGPA: 8.28**

Bachelor of Computer Applications (BCA) | Sophia Girls' Autonomous College | 2021 - 2024 | **CGPA: 8.4**

CERTIFICATIONS

- Software Development Internship Certificate - AccioJob (2026)
- Data Science Using Python - NPTEL (2025) | Computer and Network Protocols - NPTEL (2025)