

RISHITA RAI

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

PROFESSIONAL SUMMARY

MCA graduate (2026) and full-stack software developer with 3+ months of SDE internship experience building scalable web applications using the **MERN stack, Python, Django, and REST APIs**. Proven ability to improve performance by 15%, reduce code conflicts by 25%, and automate pipelines saving 50% manual effort. Proficient in **Agile/Scrum, Git/GitHub, and Google Workspace**. Passionate about learning new programming languages and technologies — seeking the **Google Software Engineer Apprentice** role to grow within a world-class engineering environment.

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%** via query optimisation and code refactoring.
- Designed and integrated **RESTful APIs** enabling seamless frontend-backend communication, reducing data-fetch latency across modules.
- Managed **Git/GitHub** branching and release workflow for a 7-developer team; code-review gates reduced merge conflicts by **25%** in month one.
- Collaborated in **Agile/Scrum** sprints with developers and UI/UX designers, consistently meeting sprint delivery timelines.
- Authored an onboarding guide for new interns — cutting ramp-up time by 1 week, demonstrating communication and organisational excellence.

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%.

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

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

- Engineered an **NLP-based text classification pipeline** achieving **~85% accuracy** to detect misleading environmental claims at scale.
- Automated end-to-end text analysis in Python, reducing manual review effort by **~50%** — demonstrating strong critical thinking and problem-solving skills.

E-Commerce Web Application | github.com/rish28rai/e_commerce-website-

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

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

TECHNICAL SKILLS

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

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

Backend & APIs: Node.js, Express.js, Django, FastAPI, RESTful API Design & Integration

Databases: MongoDB, PostgreSQL, MySQL, SQL, Data Modelling

AI / ML & NLP: NLTK, spaCy, scikit-learn, Pandas, NumPy, Matplotlib, Text Classification

DevOps & Tools: Git, GitHub, GitHub Actions, CI/CD, Docker (familiar), Postman, VS Code

Cloud: Render, AWS basics, Google Cloud basics, Vercel (familiar)

Productivity: Google Workspace (Docs, Sheets, Slides, Drive), Power BI, Advanced Excel

Methodologies: Agile/Scrum, OOP, Data Structures & Algorithms, MVC Pattern

EDUCATION

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

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

CERTIFICATIONS & ACHIEVEMENTS

- Software Development Internship Certificate – AccioJob (2026)
- Data Science Using Python – NPTEL (2025) | Computer and Network Protocols – NPTEL (2025)
- Improved app performance by **15%**, reduced merge conflicts by **25%**, built NLP pipeline with **85% accuracy**.
- Maintained **8.28 MCA** and **8.4 BCA** CGPA while completing internship and multiple production projects.