

RISHI PODDAR

Software Engineer | Full-Stack Developer | AI/ML Engineer

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SUMMARY

Software Engineer and Full-Stack Developer graduating May 2026 (B.Sc. Information Technology) with hands-on experience building production-ready AI-powered full-stack applications using Python, React.js, Next.js, TypeScript, and Generative AI. Developed and deployed 6 live applications integrating LLMs, RAG, REST APIs, and Machine Learning models on Vercel with full CI/CD pipelines. Currently a Software Developer Intern at SNSS Global. Passionate about scalable software engineering, cloud technologies, and shipping code that reaches real users. 11+ technical certifications from Google Cloud, Columbia University, SAS, NVIDIA, and Neo4j.

SKILLS

Programming Languages: Python, JavaScript, TypeScript, PHP, C++, SQL

Frameworks and Libraries: React.js, Next.js, Node.js, Express.js, Flask, FastAPI, HTML5, CSS3, Tailwind CSS, Streamlit, Scikit-learn, Pandas, NumPy

AI and Machine Learning: Machine Learning, Natural Language Processing (NLP), Generative AI, Prompt Engineering, RAG (Retrieval-Augmented Generation), LLMs, OpenAI API, Gemini API, Vertex AI, Hugging Face

Databases: MySQL, PostgreSQL, Neo4j, Turso (libSQL), MongoDB

Cloud and DevOps: Google Cloud Platform (GCP), Vercel, Docker, Linux, Git, GitHub, GitHub Actions, CI/CD pipeline, API Development, Microservices

Testing and Tools: pytest, Jest, Unit Testing, Integration Testing, Postman, Google Analytics, Chrome DevTools

Concepts: Data Structures and Algorithms, Object-Oriented Programming (OOP), Object-Oriented Design, System Design, Design Patterns, Clean Code, SDLC, Authentication, JWT, OAuth, Agile, Cross-functional collaboration

EXPERIENCE

Software Developer Intern, SNSS Global Apr 2026 - Present

- Developed production-grade full-stack modules using HTML5, CSS3, JavaScript, TypeScript, and REST APIs, improving internal workflow automation.
- Designed and integrated REST API endpoints connecting React frontends to Node.js backend services and SQL databases, following clean-code and design-pattern principles.
- Prototyped AI and Machine Learning integrations using the Gemini API and prompt engineering to automate repetitive business processes for internal teams.

Web Developer Intern, Paranubhuti Foundation, Remote May 2025 - Aug 2025

- Rebuilt the organization website using HTML5, CSS3, and JavaScript, improving Lighthouse mobile performance for 500+ monthly visitors.
- Delivered 4+ reusable front-end components via Git-based collaborative workflow with the internal engineering team.
- Resolved critical production bugs and shipped requested features within agreed sprint turnaround times.

Operations and Community Intern (Founder's Office), Crimailed, Mumbai Jul 2025 - Nov 2025

- Coordinated cross-functional operations across 3+ departments in an Agile early-stage startup environment.
- Drove community initiatives contributing to a 30% increase in social engagement and supported 5+ user-acquisition campaigns.

ADDITIONAL EXPERIENCE

Student Marketing Associate, Viral Fission, Mumbai (Aug 2024 - Present): Ran on-campus campaigns and organized 3+ events with 100+ attendees each; grew local engagement by 40%.

Digital Marketing Intern, AcmeGrade, Remote (Feb 2024 - Apr 2024): Executed SEO and social campaigns tracked via Google Analytics.

PROJECTS

FinRatio and FinrationFig, Financial Analysis Web Apps

Tech Stack: Next.js, TypeScript, React.js, Tailwind CSS, Vercel

<https://fin-ratio.vercel.app> | <https://finration-fig.vercel.app>

- Built and deployed two Next.js and TypeScript financial analysis web applications that calculate and visualize 12+ real-time financial ratios for retail investors.
- Implemented server-side rendering, dynamic routing, and CI/CD pipeline via Vercel achieving zero-downtime deployments across 20+ releases.
- Structured a modular React.js component library reused across both apps, cutting shared code duplication by an estimated 40%.

Fake News Detection System

Tech Stack: Python, NLP, Scikit-learn, Machine Learning, JavaScript, Vercel

<https://fake-news-green.vercel.app> | https://github.com/Rishi9322/fake_news

- Engineered an NLP text-classification pipeline using tokenization and TF-IDF vectorization, training a Scikit-learn model that classifies news articles for authenticity in real time.
- Integrated the trained Machine Learning model into a live user-facing web app deployed via Vercel CI/CD, serving classification results in under 800 milliseconds.
- Documented the model training pipeline and REST API contract in the GitHub README for reproducibility.

Sentiment Analysis, NLP Text Classification Pipeline

Tech Stack: Python, NLP, Scikit-learn, Machine Learning

<https://github.com/Rishi9322/sentimental-Aanalysis>

- Built a Python sentiment classification pipeline (tokenization, vectorization, model training) targeting social and review data.
- Designed a modular API-ready architecture reusable across downstream NLP tasks including topic modeling and comment moderation.

Promptify, A Day in 2050, 1st Place at Jai Hind College Tech Competition

Tech Stack: HTML5, CSS3, JavaScript, Generative AI, Prompt Engineering, Vercel

<https://promptify-pearl.vercel.app>

- Conceptualized and shipped a full-stack Generative AI web experience visualizing life in 2050 across education, work, and daily living, winning 1st place among 30+ competing teams.
- Leveraged advanced prompt engineering and Generative AI tools (image and text) to accelerate design and content generation, cutting estimated build time by approximately 40%.
- Deployed to production via Vercel CI/CD with a public URL and shared write-up for judges.

Student Satisfaction Survey System, Final Year Project

Tech Stack: PHP, MySQL, JavaScript, HTML5, CSS3, AI Integration

<https://github.com/Rishi9322/Stu-Survey>

- Architected a full-stack PHP and MySQL survey platform with AI-powered feedback analysis, reducing manual processing effort by an estimated 70% for academic departments.
- Built a dynamic form-generation engine with RESTful PHP backend, SQL analytics dashboard, and role-based data views serving multiple stakeholder types.

Traffic Management Web System

Tech Stack: JavaScript ES6, HTML5, CSS3, Object-Oriented Programming, Vercel

<https://traffic-one-wood.vercel.app>

- Built an interactive smart-city traffic simulation handling 5+ concurrent road states using OOP-driven dynamic routing logic.
- Modeled real-time congestion state, cutting simulated congestion resolution time by approximately 35% versus a baseline greedy router.

EDUCATION

Bachelor of Science in Information Technology, Thakur College of Science and Commerce, Mumbai *Expected May 2026*

Relevant Coursework: Data Structures and Algorithms, Web Development, Database Management Systems, Artificial Intelligence, Networking, SQL

CERTIFICATIONS

Machine Learning I - Columbia University

Explore Generative AI with Vertex AI Gemini API - Google Cloud

Develop Generative AI Apps with Gemini and Streamlit - Google Cloud

Inspect Rich Documents with Gemini Multimodality and RAG - Google Cloud

Build Real-World AI Applications with Gemini and Imagen - Google Cloud

Prompt Design in Vertex AI - Google Cloud

Neo4j Certified Professional - Neo4j

Responsible Innovation and Trustworthy AI - SAS

AI Foundations Knowledge Badge - SAS

Learn OpenUSD: Understanding Model Kinds - NVIDIA

Google Analytics Individual Qualification - Google