

# RATAN GULATI

+91-(862) -690-4286 • i.ratangulati@gmail.com • [linkedin.com/in/ratangulati](https://www.linkedin.com/in/ratangulati) • [github.com/Ratangulati](https://github.com/Ratangulati) • [Website](#)

---

## EDUCATION

**Panjab University**  
Master of Computer Applications

August 2025 - May 2027

---

## SKILLS

Programming Languages: *Java* | *JavaScript* | *Typescript* | *Bash* | *Python*

Tech/Tools: *Git* | *HTML* | *CSS* | *NextJs* | *ReactJS* | *NodeJS* | *ExpressJS* | *MongoDB* | *Postgres* | *Prisma* | *Postman* | *REST APIs* | *Linux/Unix* | *Docker* | *Kubernetes* | *AWS* | *GCP* | *Terraform* | *CI/CD* | *Jenkins*

---

## PROJECTS

### CompileX

Dec 2024- Feb 2025

Developed a real-time collaborative code editor enabling seamless multi-user coding and debugging capabilities.

- Engineered real-time communication infrastructure using Socket.io, enabling instant **multi-user collaboration and code synchronization**
- Architected a **secure room-based authentication system**, implementing robust privacy controls and access management
- Orchestrated integration of CodeMirror editor and Judge0 compiler, enabling multi-language code execution
- Implemented a comprehensive containerization strategy using Docker, creating multi-stage builds and optimizing image sizes
- **Skills:** Socket.io, Real-time Systems, Authentication, CodeMirror, Judge0, Collaborative Features, Security Implementation, Docker, Rest API

### CodeScan AI

Mar 2025- May 2025

Developed an AI-powered platform to analyze GitHub repositories and generate structured insights

- Architected an automated system for comprehensive repository analysis, delivering structured insights into code organization and functionality
- Integrated Gemini API for intelligent code summarization, improving developer onboarding by **50%**
- Addressed the challenge of understanding unfamiliar repositories by providing instant, **AI-driven analysis to support developers, researchers, and code reviewers.**
- Automated build & deployment pipelines with containerization for consistent reliability
- **Skills:** React, TypeScript, Gemini AI, API Integration, LLM Integration, CI/CD, Docker

### AI Code Review Bot

Jun 2025 - Aug 2025

Built an AI-powered GitHub Action that automatically reviews pull requests, **cutting manual review time by 60%**

- Designed intelligent filtering to focus reviews on meaningful code changes, **reducing false positives and noise**
  - Engineered a production-grade architecture with **robust error handling, validation, and observability**
  - Enhanced developer productivity with **clear, structured AI feedback** that improved code quality and accelerated merges
  - **Skills:** GitHub Action, Node JS, TypeScript, Gemini API
- 

## WORK EXPERIENCE

### **Full Stack Developer**

May 2025 - June 2025

Symbols

- Developed and tested dynamic web projects such as landing pages, SaaS components, and micro-widgets.
- Supported QA and platform testing, identifying bugs, providing detailed feedback, and collaborating with developers to resolve issues efficiently.
- Proposed and integrated new features and UI/UX enhancements, resulting in improved user engagement and customer satisfaction.
- Collaborated with product and design teams to ensure technical solutions aligned with business goals, contributing to the successful delivery of key project milestones.

### **LLM Benchmark Task Developer**

January 2026

AirDawg Labs

- Designing complex, multi-step CLI tasks mirroring real-world production engineering workflows, leveraging Bash scripting and Docker for reproducible agent evaluations.
  - Collaborated in structured code review processes, contributing to repository maintenance, system monitoring, and optimization of DevOps tasks for LLM benchmarking.
  - Developed gold-standard reference solutions in Python and shell scripts, ensuring deterministic outputs and high-fidelity benchmarks for advanced LLM performance testing.
- 

## CERTIFICATION

- IBM Applied DevOps Engineering- Specialization
  - Architecting with Google Compute Engine Specialization
  - McKinsey - Take You Forward
-