

# PARAG SEWANI

📞 9691115682

✉️ [sewaniparag@gmail.com](mailto:sewaniparag@gmail.com)

🌐 [Linkedin Profile](#)

🐙 [GitHub Profile](#)

## Education

### Maulana Azad National Institute of Technology Bhopal

2022 – 2026

Bachelor of Technology in Computer Science

CGPA/Percentage: 7.58

### Shri Krishna Public School, Indore

2021

Central Board of Secondary Education (CBSE)

CGPA/Percentage: 82.4

### Vidyasagar School, Indore

2019

Central Board of Secondary Education (CBSE)

CGPA/Percentage: 89.4

## Experience

### Software Engineering Intern - Toshiba

Jan 2026 – June 2026

- Developed automated test scripts using JavaScript and Playwright, improving test efficiency and coverage.
- Gained hands-on experience with **API** development using Java and Spring Boot.
- Worked within a large-scale backend service environment, gaining exposure to distributed system architectures and AWS services including S3, IAM, and VPC.

## Projects

### Elera POS

- Engineered robust backend REST APIs using Spring Boot and optimized application reliability by implementing comprehensive JUnit test suites, consistently achieving over 95% branch coverage.
- Developed a high-performance S3 API to aggregate and merge datasets from multiple sources using multi-threading techniques, significantly reducing processing latency and improving throughput.

### Job Portal | [REPOSITORY]

December 2024

- Designed and developed a full-stack job portal using HTML, CSS, JavaScript, ReactJS, Node.js, Express.js, and MongoDB, implementing scalable RESTful APIs, JWT-based authentication, and Redux for state management.
- Enabled recruiters to post job listings and job seekers to filter opportunities by field and location, incorporating automated job matching, NodeCron email notifications, and Axios-based client-server communication to streamline the job search process.

### AI Chat with PDF RAG | [REPOSITORY]

July 2026

- Built a full-stack **AI-powered document chat application** using Next.js, Node.js, Express, LangChain, and Qdrant, enabling users to upload PDF documents and query them in natural language.
- Implemented a **Retrieval-Augmented Generation (RAG)** pipeline with PDF parsing, recursive text chunking, vector embeddings, semantic search, and asynchronous document processing using worker services for efficient question answering.

## Technical Skills

**Languages:** C++, Java, Python, JavaScript, C

**Backend Technologies:** Spring Boot, Node.js, Express.js

**Frontend Technologies:** React.js, HTML, CSS, Tailwind CSS

**Databases:** MySQL, MongoDB

**AI & LLM:** LangChain, Retrieval-Augmented Generation (RAG), Google Gemini API, Vector Embeddings

**Cloud & DevOps:** AWS (EC2, IAM, S3), Docker

**Core Concepts:** Object-Oriented Programming (OOP), Multithreading, REST APIs, Data Structures & Algorithms

**Tools & Platforms:** Linux, Git, GitHub, GitLab, Copilot, Postman, Redis, Playwright, PuTTY, WinSCP

## Coding Profiles

**LeetCode:** [PROFILE] (Solved more than 500+ problems in LeetCode)

(Max Rating - 1580)

**Codeforces:** [PROFILE] (Solved more than 140+ Problems in Codeforces, Pupil)

(Max Rating - 1276)

## Achievements

- Secured **AIR - 11296** in JEE Mains (Top 1.5% of Candidates) 2022
- Achieved **Rank 3205** in Codeforces Round **1034 Div3** (out of 40,000+ participants) 2025