

# Deepank Singh

Final year, Information Technology

• +91-8168053394 • [deepanksingh01@gmail.com](mailto:deepanksingh01@gmail.com) • [LinkedIn](#) • [GitHub](#)

## EDUCATION

**Rajiv Gandhi Institute of Petroleum Technology (RGPT), Amethi, Uttar Pradesh**

2021-2025

BTech in Information Technology (CPI: **9.01**)

**DAV Public School , Ambala , Haryana**

2021

Intermediate (Score: **91.02%**)

Matriculation (Score: **97.60%**)

## WORK EXPERIENCE

**Salah- kart | Remote (SDE intern)**

May'2024

- Architected and implemented an RBAC system using Node.js and MongoDB, enhancing security for 100+ users. Optimized protocols and queries, reducing unauthorized access by 95% .
- Engineered a resume analysis system integrating BARD model and Scrapy, processing 1000+ resumes with 91% accuracy. Developed scoring algorithm evaluating action verbs, vocabulary, and task impact, boosting resume efficiency by 60%.
- Integrated Google Gemini API to generate tailored interview questions for 10+ positions across industries, improving candidate quality by 45% and streamlining the recruitment process.

## PROJECTS

### Pathshala- Edtech Platform

**Live(🌐)**



- Created a full-stack EdTech website using React.js and Express.js, featuring 3 user portals (teachers, students, and admins), with robust authentication and authorization mechanisms for students and instructors, supporting over 50 courses with video lectures.
- Integrated Razorpay SDK to handle all types of payments, including UPI, credit cards, and debit cards, ensuring secure and seamless payment transfers.
- **Tech Stack:** Reactjs, ExpressJs & Nodejs, MongoDB, Cloudinary(for cloud upload), Razorpay SDK, Twailwind Css.

### 3-D Sheet Customizer

**Live(🌐)**



- Engineered an interactive 3D web app with Three.js, allowing users to customize shirts and enhancing the virtual shopping experience with 92% customer satisfaction.
- Integrated Three.js to leverage user interaction by 45% and boosted sales conversion rates by 30% through personalized product customization.
- **Tech Stack:** ReactJS, Twailwind CSS, Three js, Node js, Express js.

### Crypto Tracker

**Live(🌐)**



- Developed a React app utilizing the CoinGecko API to display real-time cryptocurrency price data, including profit/loss , achieving a user satisfaction rate of 92%
- Employed indicators and a line graph via react-chartjs to furnish visual analytics, thereby bolstering workflow efficiency by 30% through an intuitive interface and fortified user authentication.
- **Tech Stack:** ReactJS, Material UI, Coingecko API , Twailwind Css

## SKILLS

**Programming Languages:** C++, JavaScript, Python, SQL

**Tools /FrameWorks :** ReactJs, Node.js, Express.js, JWT, Firebase , Flask , NLTK, Linux , Postgresql, MySQL, MongoDB, Docker ,Kubernetes, Aws, Github.

**Other Skills:** RESTful APIs, Microservices Architecture, JWT Authentication, CI/CD Pipeline.

**Courses :** Computer Networking , Web-Pentesting , Database Management, Data Structures, Algorithms, Web Technology, Cyber Security.

## POSITION OF RESPONSIBILITY

- OWASP | Technical Head : Responsible for Leading and teaching over 400 student fundamental of Cyber Security.
- Technical Head | Engergia: Developed the official website for college sport fest **ENERGIA**.

## ACHIEVEMENTS

- Achieved finalist position in Rajasthan Police Hackathon 1.0, exhibiting innovative problem-solving capabilities in cyber Security.
- Secured 10th position in Tri-NIT hackathon, showcasing problem-solving and technical skills.
- Achieved Rank 2 (Till date) in IT Department students in the CSE.
- Achieved a top 2% rank in the IIT-JEE Advanced 2021 exam