Rudrakshi Kapse

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ACADEMIC QUALIFICATION

Completed Bachelor of Technology in Computer Science from Indore Institute of Science and Technology , Indore (R.G.P.V),(currently 6.78 gpa), 05/26

ACADEMIC PROJECTS

➢ **FITRIZZ: Virtual Closet & Outfit Recommendation System, Indore Institute of Science and Technology(college), Indore, 02/2025 – 06/2025**

➢ **Team size: 1**

- Objective was to develop a smart wardrobe system that helps users organize their clothing and receive personalized outfit recommendations

- Built a web application allowing users to save clothing items with attributes like color, brand, texture, and occasion.

- Implemented outfit recommendation using beginner-friendly ML techniques (k-NN, decision trees, logistic regression) based on user preferences, body type, and color compatibility.

- Developed a calendar feature to track worn outfits, avoiding repetition and maintaining a history of user clothing choices.

- Designed a Favorites folder to store preferred outfits from both web recommendations and user wardrobe.

- Conducted user input questionnaires to personalize recommendations based on body type and skin tone.

➢ **ZENITH: Smart Expense Tracker, Indore Institute of Science and Technology, Indore, 06/2025 – present**

➢ **Team size: 2**

- Objective was to build a full-stack, secure, and intuitive web application for personal expense management, replacing manual tracking and providing actionable insights into spending patterns.

- Developed ReactJS frontend and Node.js + PostgreSQL backend for full CRUD functionality and secure authentication (JWT, bcrypt).

- Designed interactive dashboard and data visualization charts to analyze spending patterns.

- Implemented real-time filtering/search and profile management features.

- Enhanced UI/UX with Framer Motion animations and React Hot Toast notifications.

- Prepared for future features: AI receipt scanning, budgeting module, recurring transactions.

- ➢ **ParsePrep, Indore Institute of Science and Technology, Indore, 04/2025 – 05/2025**

- ➢ **Team size: 4**

  - Objective was to developed a platform to convert PDF-based study material into interactive computer-based tests for competitive exam preparation (JEE, GRE, etc).

  - Implemented ML-based question extraction from PDF documents to automatically generate practice questions.

  - Built computer-based testing environment with real-time scoring, AI-driven performance analysis, and personalized feedback reports.

  - Developed frontend with ReactJS and backend using Node.js & Express for seamless user experience.

  - Coordinated team workflow using Git/GitHub for collaborative development and version control.

INTERNSHIP/SUMMER TRAINING

- ➢ **Maa Vaishnav Devi Telecom Pvt. Ltd., Indore , 06/2025 – 08/2025**

  - Developed and deployed the company's official website using ReactJS and Node.js, improving online presence and driving ~25% increase in customer inquiries.

  - Acted as the technical liaison between the company and external software agency for the vendor & materials management system, gathering requirements and contributing to one module.

  - Conducted training sessions and presentations for management and field staff, explaining system functionality, report generation, and workflow processes.

  - Helped digitize manual processes, reducing record-keeping effort by ~40% and enabling faster reporting for management.

TECHNICAL SKILLS

- ➢ Programming Language: Java, Python, C, C++, JavaScript

- ➢ Web Development & Frameworks: ReactJS, Node.js, HTML, CSS, Bootstrap

- ➢ Technical Competencies: DSA, Object-oriented programming, Computer Network, Machine Learning, DBMS

- ➢ Operating System: Windows, UNIX/Linux

- ➢ Tools & Software: Microsoft Word, Excel, PowerPoint, Git/GitHub, NetBeans

WORKSHOPS

- ➢ **Cloud Community Days 2025 – Indore, GDG Cloud Indore, Marriott Hotel, 12/07/2025**

  - Explored GenAI applications and practical AI agent development using Gemma 3 & Google ADK.

  - Gained hands-on experience with AutoML, Google Vertex AI, and Production-Grade MLOps for scalable model deployment.

- Learned about Multimodal AI with Firebase Logic and Data Mesh Architecture on GCP, enhancing understanding of cloud integration and scalability.

➢ **International Conference on Advances in Cutting-Edge Engineering & Technology (ACET-25), Indore Institute of Science & Technology & MIT World Peace University, Indore, 22/02/2025**

- Attended sessions on emerging technologies including Quantum Computing, Neuromorphic Computing, 3D Printing, and AI-driven innovation.

- Gained insights into AI applications, human-machine collaboration, and sustainable tech solutions like Nuclear Waste Processing.

- Enhanced understanding of cutting-edge research trends and their practical impact on engineering and technology.

POSITIONS OF RESPONSIBILITY

➢ Member, GFG IIST Chapter, Indore Institute of Science and technology, Indore, 04/2024–10/2024

- Participated in coding sessions, hackathons, and technical discussions.

- Helped organize internal workshops and collaborative projects with fellow members.

EXTRACURRICULAR ACTIVITIES

➢ **National Karate Player** — Black Belt degree and won 4 nationals and many state and district tournaments

➢ **2nd Prize, National Science Fair** — ideation project on sustainable development.

➢ **Mock Parliament (MOP)** — selected as an active team member of ruling party.

➢ **Captain, College Girls Kabaddi Team** — led the team in inter-college tournaments.

➢ **Coordinator, Induction Program** — helped organize and manage activities for freshmen.

➢ **Participant, College Fashion Show** — actively participated in all three annual college feasts.