

Palak Dwivedi

+91-7976896634 | dwivedipalak761@gmail.com |
www.linkedin.com/in/palak-dwivedi-1 | github.com/Palak2506

EDUCATION

- **Vellore Institute Of Technology** (Jul, 2022 - ongoing)
Bachelor of Technology in Computer Science and Engineering | CGPA: 8.11

Skills

- **Technical Skills:** Java, SQL, HTML, CSS, Reactjs, Nodejs, Expressjs, MongoDB, Tailwind CSS, Bootstrap.
- **Cloud Skills:** Amazon Web Services(AWS).
- **Version Control:** Git, GitHub.

Projects

- HeritageAI** | Reactjs, Nodejs, Expressjs, MongoDB, [Link](#), [github link](#) (Nov, 2025- Dec, 2025)
- Built a **full-stack MERN web application** enabling users to explore Rajasthan's cultural heritage through **AI-driven conversational queries**.
 - Integrated an **AI language model (OpenAI API)** to deliver real-time, context-aware responses about traditions, history, food, and royal heritage.
 - Designed and developed a **secure authentication system** with user registration and login using **JWT-based authentication**.
 - Managed structured and unstructured data using **MongoDB**, ensuring efficient storage and retrieval of user interactions.

- TradeUp** | ReactJS, Nodejs, Expressjs, MongoDB, [github link](#) (Sept, 2025-Oct, 2025)
- Developed **TradeUp**, a full-stack trading platform using the **MERN stack**, enabling users to interact with trading data through a secure and responsive web interface.
 - Built a **scalable React.js frontend** with modular, reusable components, delivering an intuitive user experience across devices..
 - Integrated **MongoDB** for efficient storage and retrieval of user data, transactions, and trading records.
 - Transitioned the project from a frontend-only application to a **production-ready full-stack system**, focusing on clean architecture and scalability.

- Job listing web application** | ReactJS, Nodejs, Expressjs, MongoDB, [Link](#), [github link](#) (Nov, 2025)
- Developed a **full-stack job listing web application** using the **MERN stack**, enabling users to search and explore job opportunities based on **specific locations**.
 - Implemented **location-based search functionality**, allowing users to filter jobs by city or region with real-time UI updates.
 - Designed and developed **RESTful APIs** using **Node.js** and **Express.js** to fetch and filter job data based on user input.
 - Deployed the **frontend on Vercel** and configured the backend for cloud deployment with environment-based settings.

Certifications

- AWS Certified Cloud Practitioner, AWS (Mar, 2025)

Extracurricular

- **Secretary**, Mharo Rajasthan Club - VIT Bhopal. (Apr, 2024 – Apr, 2025)
Coordinated 3+ cultural events with 600+ attendees, driving a 25% increase in student engagement.
- **PR team Lead**, VITronix Club - VIT Bhopal . (Aug, 2024 – Apr, 2025)
Led PR efforts for multiple VITronix events, attracting 500+ participants and strengthening community outreach.
- **State Badminton Player**, Rajasthan . (Jul, 2023)
Represented Udaipur at state-level badminton championships competing against 50+ ranked players.

Additional Information

- Enhanced data structure and algorithm knowledge by solving 300+ LeetCode problems, leading to faster algorithm design and a reduction in debugging time by 3 hours weekly
- Selected as Contributor for Social Summer Of Code 2025, and mentor for GirlScript Summer Of Code 2025.
- Contributed 1000+ inputs in translation and image labeling on Google Crowdsourcing, reaching level 18.