

Palak Dwivedi

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

EDUCATION

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

Skills

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

Projects

- TradeUp, ReactJS** (September, 2025-Present)
- Built a frontend of a trading platform using ReactJS, delivering a responsive and intuitive UI with modular, reusable components.
 - Optimized rendering and state management(React Hooks, Context APIs), reducing page load times by 25% and improving overall performance.
 - Currently extending to a full-stack solution by integrating REST APIs, authentication and database connectivity.

- VIT News Portal, HTML, CSS, JavaScript, SQL, Nodejs, React** (March, 2024)
- Developed a centralized news and events portal in MERN Stack, used by 150+ students, boosting event participation by 30%.
 - Designed modular event management features with filtering and categorization, accelerating event search by 30%.
 - Constructed RESTful APIs with Node.js/Express to serve real-time event data to React components, processing 10,000+ requests per minute with 99.9% uptime, ensuring data reliability.
 - Optimized React components with efficient state management, reducing page load time by 25%.
 - Led code reviews and debugging sessions, enhancing maintainability and reducing defects by 15%.
 - Delivered 4 engaging technical presentations to peers on React component optimization and Firebase integration, boosting team knowledge and reducing related support requests by 10%.

- Community Resource Locator , Java, Firebase, XML , [GitHub Repository](#)** (April, 2025)
- Designed a mobile front-end interface using Java and XML, reducing community search time by 40%.
 - Spearheaded Firebase integration with Google Maps API, enabling real-time location updates and enabled location-based push notifications; which resulted in a 10% increase in user interaction.
 - Engineered advanced search, filtering, and data presentation modules, improving resource access speed by 35% .
 - Refactored front-end components for cross-platform compatibility, ensuring smooth performance for 1000+ active users.
 - Implemented robust error handling and validation, reducing app crash frequency by 20%.
 - Developed a real-time data management system using Firebase, which improved data retrieval speeds by 50% and enabled the team to respond to customer inquiries in less than 2 minutes.

Certifications

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

Extracurricular

- Secretary, Mharo Rajasthan Club - VIT Bhopal.** (April, 2024 – April, 2025)
Coordinated 3+ cultural events with 600+ attendees, driving a 25% increase in student engagement.
- PR team Lead, VITronix Club - VIT Bhopal .** (August, 2024 – April, 2025)
Led PR efforts for multiple VITronix events, attracting 500+ participants and strengthening community outreach.
- State Badminton Player, Rajasthan .** (July 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.