Palak Dwivedi

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EDUCATION

- **VIT Bhopal University** *(October, 2022 - Present)*
  Bachelor of Technology in CSE(Cloud Computing and Automation) | CGPA: 8.11
- **St. Matthews Sr. Sec. School, Udaipur** *(July, 2021)*
  Higher Secondary | Percentage:76.4%

Skills

- **Technical Skills:** Java, MySql, HTML /CSS, MERN Stack,Tailwind CSS, Bootstrap.
- **Cloud Platforms :** Amazon Web Services(AWS),Google Cloud Platform(GCP), Docker.
- **Version Control :** Git, GitHub.

Projects

Community Resource Locator | Java,Firebase,XML | GitHub Repository (*April, 2025*)
- Developed the mobile front-end interface,]that reduced community resource search time by 40% .
- Implemented real- time map integration with geolocation services to display nearby resources.
- Built search, filtering, and data presentation features, allowing users to access resources 35% faster.
- Refactored front-end components to support cross-platform use, handling 1,000+ users without performance issues.
- Added error handling and validation features, reducing app crashes by 20%.
- Collaborated with team members using GitHub for version control and Firebase for real-time database support.

VIT News Portal |HTML,CSS,JAVASCRIPT, SQL,NODE JS,React | (March, 2024)
- Built a centralized news and events portal used by 150+ students, managing 30+ college events per semester and increasing participation by 30% .
- Designed event modules with filtering and categorization, making event search 30% faster .
- Integrated front-end with RESTful APIs to fetch and display event data in real time from Node.js/Express backend.
- Designed modular React components with state management, reducing load time by 25%.
- Conducted code reviews and debugging sessions, improving maintainability and reducing bugs by 15%.
- Documented project workflows and presented outcomes to peers, improving communication and technical reporting skills.

Certifications

- AWS Certified Cloud Practitioner, AWS| View Credentials (March, 2025)
- AWS Solutions Architect Internship Program, Ethnus (April, 2025)
- Bits and Bytes of Computer Networking, Coursera (January, 2024)

Extracurricular

- **Secretary,** Mharo Rajasthan Club - VIT Bhopal. (*April, 2024–April, 2025*)
  Organized 3+ cultural events with 600+ participants, improving student engagement by 25%.
- **PR Team Lead,** VITronix Club - VIT Bhopal. (*August, 2024–March, 2025*)
  Led PR campaigns that increased event visibility and attendance by 40%.
- **State Badminton Player,** Rajasthan. (*July, 2023*)
  Represented Udaipur at the state-level championship competing with 50+ ranked players.

Additional Information

- 3-Star Achiever in Java and SQL on Hacker Rank.
- Solved 160+ coding problems on LeetCode, strengthening algorithms and data structures.
- Selected for Social Summer of Code 2025(Contributor), and GirlScript Summer Of Code 2025 (Project Admin).
- Contributor to Google Crowdsource(Level 18) with 1,000+contributions in translation and image labeling.