

Mahek Paliwal

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Education

VIT Bhopal University | Bhopal, Madhya Pradesh
Bachelor of Technology (B.Tech) in Computer Science | Expected Graduation: 2026
CGPA: 9.05/10

Technical Skills

Programming Languages: Java, JavaScript , HTML5 , CSS3
Database Technologies: MySQL , Spring Boot with JPA/Hibernate
Frameworks & Tools: Spring Boot , Spring Security
Testing & Quality Assurance: JUnit

Work Experience

Paytm -DevOps Intern -Payouts Team | Noida ,India December 2024 - March 2025

- Process Optimization & Quality Assurance: Documented and tested software applications using JUnit framework, systematically debugging critical system issues and improving overall code quality by 30%
- Stakeholder Collaboration: Collaborated effectively with cross-functional development teams following software development best practices and agile methodologies
- Solution Implementation: Contributed to design processes and implemented innovative solutions, demonstrating ability to convert stakeholder requirements into actionable technical plans
- Delivery Excellence: Ensured streamlined delivery practices through systematic testing and documentation processes

Projects

Smart Contact Manager | Full-Stack Web Application

Sept 2024-Dec 2024

- **Process Design & Implementation:** Led full-stack development with focus on security and performance optimization, reducing vulnerability incidents by 90% through strategic implementation of OAuth 2.0 and Spring Security
- **System Architecture:** Architected scalable backend infrastructure with Spring Boot and MySQL, optimizing database queries to achieve 40% improvement in API response times
- **Business Impact:** Pioneered advanced feature integration including bulk data export and cloud storage, increasing user productivity by 15% and reducing server load by 30%

SkySense | Weather Forecasting Application

Jan 2025-March 2025

- **Performance Optimization:** Led development of high-performance platform, achieving 95+ Lighthouse performance score through systematic optimization of API calls and client-side rendering
- **Scalable System Design:** Designed MVC architecture efficiently handling 10,000+ daily API requests, reducing server response time by 30% through strategic caching implementations
- **User Experience Enhancement:** Drove 25% increase in user engagement through implementation of intuitive location-based features

Internships and Programs

Business Analytics Intern | Qlik (Virtual Internship)

17th April 2024 -24th June 2024

- Analyzed road safety datasets across 50+ cities using Qlik Sense, identifying key trends and patterns
- Developed interactive dashboards and reports, improving data-driven decision-making processes by 25%

Extracurricular

- **Performer | DARPAN'23 Stage Play (Advitiya '23, VIT Bhopal)**
- **The NULL VITB Student Chapter**

Core Member | Social Media Team
Co-Lead | Social Media Team

Feb 2024 – Jun 2024
Jun 2024 – April 2025

Spearheaded content creation and engagement strategies, achieving 35% follower growth
Coordinated social media campaigns and managed cross-platform digital presence

Certifications and trainings

NPTEL Certification in Cloud Computing (IIT Kharagpur) | Score: 90% (Top 5%)
NPTEL Certification in Marketing Analytics (IIT Kharagpur)

Achievements and Profile Links

Solve 400+ problems , Coding Profile Handles: [LeetCode](#), [GeeksForGeeks](#)