

# Mahek Paliwal

Phone : 7678396212| Email: [mahekpalwal@gmail.com](mailto:mahekpalwal@gmail.com)|LinkedIn:[linkedin.com/in/mahek-paliwal- 882a39251](https://linkedin.com/in/mahek-paliwal- 882a39251)| GitHub: <https://github.com/Mahek2854>

## Education

---

**Vellore Institute of Technology**  
**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 & Testing:** Spring Boot , Spring Security, Junit

## Projects

---

**Smart Contact Manager | Full-Stack Web Application** Sept 2024-Dec 2024

Developed a secure, full-stack contact management platform that enables users to centrally store and manage contact information with enterprise-grade security protocols. The system provides intuitive organization tools alongside advanced productivity features including bulk data export in Excel/PDF formats and Cloudinary-integrated media storage, creating a comprehensive solution for personal and professional contact management needs.

**Tech Stack:** Java, Spring Boot, Spring Security, OAuth 2.0, MySQL, Hibernate, JavaScript, React, Cloudinary

**SkySense | Weather Forecasting Application** Jan 2025-March 2025

Built a high-performance weather platform delivering real-time forecasts with sub-second load times and exceptional reliability. The application serves global weather data through a scalable cloud-native backend and responsive, intuitive user interface. Advanced features include intelligent location-based search, predictive caching, and detailed meteorological visualizations. The platform consistently handles high traffic volumes while maintaining optimal performance across all user interactions

**Tech Stack:** Java, Spring Boot, MVC, Hibernate, MySQL, Redis, REST APIs, JavaScript, React, OpenWeatherMap API

## Internship

---

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

- Engineered comprehensive unit test suites using JUnit and Mockito, achieving 85%+ code coverage through systematic test case development and continuous validation. Integrated testing into Bitbucket CI/CD pipelines, enabling automated test execution and real-time coverage reporting that guided targeted code improvements.
- Streamlined quality assurance processes by establishing automated testing workflows in Bitbucket, where I regularly monitored coverage metrics and enhanced test cases to bridge gaps. This methodical approach to test optimization resulted in a 30% reduction in production defects and significantly improved software reliability.

## 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** Feb 2024 – Jun 2024  
**Core Member | Social Media Team** Jun 2024 – April 2025  
**Co-Lead | Social Media Team**  
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](#)