

Mahek Paliwal

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GitHub: <https://github.com/Mahek2854>

Education

VIT Bhopal University | Bhopal, Madhya Pradesh
Bachelor of Technology (B.Tech) in Computer Science | Expected Graduation: 2026
CGPA: 9.06/10

Technical Skills

Programming Languages: Java (Backend development), JavaScript (Frontend scripting), HTML5 (Web markup), CSS3 (Responsive styling)

Database Technologies: MySQL (Relational database management), Spring Boot with JPA/Hibernate (ORM & database integration)

Frameworks & Tools: Spring Boot (Enterprise Java framework), Spring Security (Authentication & authorization)

Testing & Quality Assurance: JUnit (Automated unit testing framework)

Work Experience

Paytm -DevOps Intern -Payouts Team

Noida ,India

December 2024 - March 2025

Executed automated unit testing using JUnit framework, achieving 30% reduction in system errors and enhancing software reliability through comprehensive test case development and validation.

Collaborated with cross-functional development teams to optimize testing workflows, accelerated code coverage analysis, and delivered robust application performance through strategic quality assurance methodologies .

Projects

Smart Contact Manager | Full-Stack Web Application

Sept 2024-Dec 2024

Engineered secure contact management system using **Java Spring Boot**, **Spring Security**, **Thymeleaf** templating, **OAuth2** authentication, and **MySQL** database integration with cloud storage solutions.

Developed comprehensive contact platform providing **CRUD** operations, image upload functionality via **Cloudinary**, Excel/PDF export capabilities, and secure user authentication with role-based access control

SkySense | Weather Forecasting Application

Jan 2025-March 2025

Architected full-stack web application using **Java Spring Boot**, **RESTful APIs**, **Thymeleaf** templating, **JavaScript**, **HTML5/CSS3**, and **OpenWeatherMap API** integration with responsive design and performance optimization

Implemented comprehensive weather forecasting platform delivering real-time weather data, hourly/daily forecasts, location-based search, geolocation services, safety alerts, and interactive weather visualizations for global locations

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

Feb 2024 – Jun 2024

Co-Lead | Social Media Team

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](https://leetcode.com/mahekpaliwal/), [GeeksForGeeks](https://www.geeksforgeeks.com/mahekpaliwal/)