Astha Kesarwani

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EDUCATION

VIT Bhopal University, Bhopal   **2022 – Present**
B.Tech - Computer Science and Engineering with specialization in Education Technology   *CGPA: 8.59*

COURSEWORK / SKILLS

- Data Structures and Algorithms
- MySQL
- OOP
- Operating System
- Computer Networks

TECHNICAL SKILLS

- MySQL •Power BI • JavaScript • Python • HTML5 • CSS • React.js • Node.js • PHP • java • Git • GitHub Actions • GitLab • Linux • VS Code •AWS

EXPERIENCE

Project Head Intern   **July 2023 – Sep 2023**
Excelerate (V-Empower Global Services FZE, Dubai)

- Led 5+ global ed-tech projects (4 regions), achieving 100% on-time delivery via agile optimization.
- Scaled partnerships (50+ educators, +40% engagement) and mentored 12+ team members.

Investment Banking Analyst Intern   **May 2023 – July 2023**
Finlatics (Fincrux , Mumbai)

- Incubated at Atal Incubation Centre (NITI Aayog), analyzing founder fit, CLV/CAC, and convertible notes for DPIIT-recognized startups.
- Built PE frameworks and exit models, praised for data-driven startup evaluations and VC insights.

PROJECTS

Know My Status ⬈ | PHP, MySQL, Node.js   **2024**

- PHPbased QR system for teacher tracking, providing immediate access to schedules and availability; system improved communication between staff and families by 15%.
- Enhanced campus communication with live updates, cutting physical inquiries by 30%.

Mockmate - AI Mock Interview Platform   **2025**

- Developed AI-powered interview simulator generating personalized questions with real-time feedback and performance analytics
- Built responsive web application using React.js, Node.js, and OpenAI API for comprehensive interview preparation

Power BI Customer Churn Analysis- My SQL, Power BI

- this project is to analyze the key drivers of customer churn for a telecommunications company. By identifying the primary factors contributing to customer attrition, the business can develop targeted strategies to improve retention.
- This Power BI dashboard provides an interactive and consolidated view of various customer attributes and their relationship with churn, enabling stakeholders to explore the data and make informed decisions

EXTRA CURRICULAR ACTIVITIES

- Presented an innovative tech poster at *1st Industry Conclave 2024*, VIT Bhopal
- Active Member of *Edu4U Club*, VIT Bhopal – Contributed to student development initiatives

CERTIFICATES & ACHIEVEMENTS

- IBM DevOps Engineering - Adroit Technologies
- IBM Blockchain Essentials - Adroit Technologies
- MathWorks MATLAB Onramp – 100% MATLAB programming foundational skills
- HTML, CSS, and Javascript for Web Developer - JOHNS HOPKINS University
- Applied Machine Learning in Python - University of Michigan
- NPTEL - Cloud Computing