

MOHAMMED BASHEER J

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Chennai, Tamilnadu - 600039, India

SUMMARY

I'm a recent MCA graduate passionate about building and improving web applications. I've developed full-stack projects using both Django and the MERN stack, including a deployed code translation platform with features like code conversion (Python, Java, C++), authentication, and real-time test case validation. I've also explored data analysis using Python, Pandas, and Power BI to extract insights from real-world data. I enjoy solving technical challenges, learning new tools, and contributing to collaborative, user-focused solutions.

EDUCATION

• MEASI INSTITUTE OF INFORMATION TECHNOLOGY

2023 - 2025

Master of Computer Applications-MCA

Chennai, India

◦ CGPA-7.5/10

• THE NEW COLLEGE (AUTONOMOUS)

2020-2023

Bachelor of Computer Applications-BCA

Chennai, India

◦ CGPA-8.4/10

INTERNSHIPS

• Cameo Corporate Services Ltd

Feb - Sep 2022

KYC Verification

Chennai, India

◦ Verified customer documentation with 95% accuracy.

◦ Coordinated with compliance teams to report discrepancies and clarify ambiguous records

◦ Balanced part-time work and contributed consistently to team productivity.

• Altruisty

Jan - Apr 2025

Fullstack Developer

Chennai, India (Remote)

◦ Built "CodeFlick" - a code translation platform using Django with multi-language support (Python, Java, C++).

◦ Developed user authentication, workspace editor, test case validation, and submission history tracking.

◦ Designed profile and dashboard pages with dark theme UI and data visualization of user progress.

PROJECTS

CodeFlick - Code Translation Platform

(Live Host)

Tools: [Python, Django, SQLite3, Bootstrap]



◦ Created a level-based coding platform allowing users to convert code between Python, Java, and C++.

◦ Developed a workspace with side-by-side editors, language selectors, and real-time test case validation.

◦ Implemented authentication, submission history, and dynamic question loading based on selected level.

◦ Designed a dark-themed responsive UI using reusable HTML templates and Bootstrap for consistency.

Task Management System [MERN Stack]

(Github Link)

Tools: [MongoDB, Express.js, React.js, Node.js]



◦ Developed a full-stack task tracker with login functionality and RESTful API support.

◦ Decoupled frontend/backend architecture to simulate scalable distributed system behavior.

◦ Used React Hooks and Context API for state management, ensuring maintainable frontend logic.

◦ Designed backend models with Mongoose and implemented data validation and error handling.

Formula 1 Performance Analysis

(Github Link)

Tools: [Python, Pandas, Matplotlib, Power BI, Jupyter Notebook]



◦ Analyzed Kaggle race datasets to identify performance trends, pit stop efficiency, and race strategy impact.

◦ Performed data cleaning, transformation, and statistical analysis using Pandas and NumPy.

◦ Visualized data insights with bar charts, heatmaps, and scatter plots via Matplotlib and Power BI.

◦ Derived correlations between race outcomes and pit strategy timing to support decision-making insights.

SKILLS

- **Languages:** Python, C/C++, JavaScript
- **Frameworks & Tools:** Django, MERN Stack, REST APIs, Git, GitHub
- **Databases:** MySQL, MongoDB, SQLite
- **Data Analysis:** Pandas, NumPy, Power BI, Matplotlib, Data Cleaning & Visualization
- **Concepts:** OOP, SDLC, Data Structures & Algorithms
- **Soft Skills:** Team Collaboration, Problem Solving, Time Management, Adaptability

CERTIFICATIONS

- Scaler Topics : Python Mastering Essentials [View Certificate](#)
- CSC: Diploma in Computer Application [View Certificate](#)
- Udemy: Complete JavaScript Essentials [View Certificate](#)
- Futuro Focus: MERN Stack [View Certificate](#)
- GeeksforGeeks : Django [View Certificate](#)

ADDITIONAL INFORMATION

- **Languages:** English, Tamil, Urdu (Native)
- **Availability:** Immediate