M THARUN KUMAR

Aspiring Software Engineer

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SUMMARY

I am seeking an opportunity in a dynamic engineering environment where I can apply my skills in software development, programming in Python and Java, and problem-solving. I aspire to contribute to innovative projects while gaining valuable industry experience and growing with the organization.

EDUCATION

Ballari Institute of Technology and Management   Jul 25 — Present
B.E. in Computer Science and Engineering (CGPA: 9.34)   Ballari, Karnataka

BPSC PU College   Jul 21
PUC in PCMB (Percentage: 85.33)   Ballari, Karnataka

SKILLS

Programming Language: C, C++, Python, Java
Tools and Technologies: Microsoft Power BI, VS Code, HTML5, CSS
Platform: PyCharm, Jupyter Notebook
Soft Skills: Communication Skills, Teamwork, Group Discussion

PROJECTS

Movie Ticket Booking System – MySQL, PHP, XAMPP   Mar 25 — May 25
- Engineered a relational database in MySQL for managing movies, theatres, bookings, and seating.
- Developed a web-based application with PHP and XAMPP, enabling real-time browsing and reservations.
- Optimized queries for secure, scalable, and efficient ticketing operations.

Online Voting System and Analysis – Shell Script, Unix   Oct 24 — Dec 24
- Built a command-line voting platform with voter authentication, result tallying, and tie-handling logic.
- Implemented login validation, duplicate prevention, and secure data storage in Unix.
- Enhanced transparency through real-time result analysis and persistent records.

Problem Encryption Tool POC – Python   Jul 24 — Sep 24
- Designed an encryption tool using Python's cryptography library with dynamic key generation.
- Integrated Excel and pandas for structured data storage and management.
- Streamlined usability with an interactive console-based interface for encryption and decryption.

CERTIFICATES

- **Python Programming** – by EZ Trainings & Technologies | CERTIFICATE   Sep 24
- **Multithreading in Java** – by Infosys Springboard | CERTIFICATE   Nov 24
- **Google AI Essentials** – by Google | CERTIFICATE   Apr 25
- **Data Analytics Job Simulation** – by Deloitte | CERTIFICATE   Sep 25

HOBBIES

Playing Cricket, Travelling, Watching Movies/Series