# ABHISHEK CHOUBEY

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## EDUCATION

**BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING**          **(2023 – 2026)**

**Infinity Management & Engineering College, Sagar, Madhya Pradesh**

## RELEVANT COURSEWORK

- **DATA STRUCTURES**
- **ALGORITHMS**
- **OBJECT-ORIENTED PROGRAMMING**
- **OPERATING SYSTEMS**
- **DATABASE MANAGEMENT SYSTEMS**
- **COMPUTER NETWORKS**

## TECHNICAL SKILLS

- **PROGRAMMING LANGUAGES:** JAVA, C++, PYTHON, JAVASCRIPT
- **CORE COMPUTER SCIENCE:** DATA STRUCTURES, ALGORITHMS, OBJECT-ORIENTED PROGRAMMING, SYSTEM DESIGN (FUNDAMENTALS), PROBLEM SOLVING, DEBUGGING
- **BACKEND & WEB TECHNOLOGIES:** NODE.JS, EXPRESS.JS, RESTFUL APIS, FULL-STACK DEVELOPMENT, HTML, CSS
- **TOOLS & ENGINEERING PRACTICES:** GIT, GITHUB, VS CODE, POSTMAN, UNIT TESTING, PERFORMANCE OPTIMIZATION, SCALABILITY, AGILE METHODOLOGIES

## COMPETITIVE PROGRAMMING & ACHIEVEMENTS

- HackerRank Python (Basic) Certification | Link:  https://www.hackerrank.com/certificates/iframe/0d9daffb3df0
- Solved 300+ algorithmic problems on LeetCode (Java-focused; Medium & Hard)
- 90%+ acceptance rate with consistent contest participation
- Regular practice of Google-tagged problems

## PROJECTS

### SCALABLE URL SHORTENER SERVICE | NODE.JS, EXPRESS, MONGODB

- GitHub: https://github.com/choubey-abhishek/url-shortener.git
- Designed and implemented a high-performance URL shortening backend
- Used Base62 encoding for unique ID generation with collision handling
- Achieved low-latency redirection using indexing, caching, and rate limiting
- Implemented robust error handling, logging, and RESTful API standards

### REAL-TIME TYPING SPEED TESTER & ANALYTICS DASHBOARD | JAVASCRIPT, HTML, CSS, NODE.JS

- GitHub: https://github.com/choubey-abhishek/Typing-Speed-Master.git | Live : https://choubey-abhishek.github.io/Typing-Speed-Master/
- Built a responsive web application calculating real-time WPM and accuracy
- Reduced input processing latency by 45% through algorithmic optimization
- Applied efficient DOM manipulation and debouncing techniques
- Developed backend services to store and analyze 1000+ user sessions

## EXPERIENCE

### TECHNICAL AUTOMATION & WEB DEVELOPER          **(NOV 2025– PRESENT)**

**Finstocks Education**

- Built Python/JavaScript automation scripts and dashboards, reducing manual effort by 30%
- Developed and maintained WordPress websites with custom themes, plugins, and API integrations
- Optimized workflows and reporting pipelines for performance and scalability
- WordPress websites (finstockseducation.com, finartsresearch.com) with custom themes, plugins, and API integrations.