

# RANJAY SINGH

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📍 Chennai-600025, TamilNadu, India

## Professional Summary

To leverage my full-stack development and data analysis skills to build scalable software solutions, while contributing to a dynamic team in a growth-driven organization.

## Skills

- **Programming Languages:** C, Java, Python, TypeScript
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Frameworks:** React.js, Node.js
- **Machine Learning:** Linear Regression, Decision Tree, SVM, Neural Network
- **Tools:** AWS, Git, VS Code, Docker, Google Collab
- **Environments:** Linux(Ubuntu), WindowsOS

## Education

**College of Engineering, Guindy, Anna University, Chennai**  
Masters of Computer Application

Aug 2024 – Apr 2026  
**GPA: 8.32/10.00**

**Dronacharya Govt. College, Gurgaon, Gurugram University, Gurgaon**  
Bachelor of Science with Computer Science

Aug 2019 – Jun 2022  
**Percentage: 65.41**

## Projects

### Placement Portal – Dept. of Management, CEG

Jul 2025 – Aug 2025

Tech Stack: HTML, CSS, JavaScript, ReactJS, Firebase

- Developed a responsive portal for 100+ students to streamline placement processes.
- Implemented secure admin dashboard for managing student data and updates.
- Designed intuitive UI with full mobile and desktop compatibility for ease of access.

### Expense Tracker – Android App

Jan 2025 – May 2025

Tech Stack: React Native, Firebase, Firestore, Cloudinary

- Built a cross-platform app with modular architecture for scalability and maintainability.
- Added search feature for quick filtering and retrieval of transactions.
- Visualized income vs. expenses via interactive weekly, monthly, and yearly charts.

### Smart Parking System – Full Stack IoT Project

Jan 2025 – May 2025

Tech Stack: HTML, CSS, TypeScript, React.js, Firebase, ThingSpeak API

- Built a full-stack parking system with real-time IoT integration via ThingSpeak API.
- Synced sensor data to update slot availability for users and management dashboards.
- Designed a responsive UI, reducing average booking time by 30%.

## Certifications

- **AWS Cloud Practitioner Essentials** July 2025  
– Certifying Body: AWS Training and Certification
- **Data Analysis with Python** July 2025  
– Certifying Body: freeCodeCamp
- **Python Programming: Beginner to Advanced** July 2025  
– Certifying Body: GeeksforGeeks
- **Five Days Workshop on AI to Generative AI** Jun 2025  
– Certifying Body: CAInDRA, DIST, CEG Campus, Anna University, Chennai

## Experience

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### Data Management Assistant (Data Entry Operator)

Aug 2022 – Jul 2024

Shri Radhey Auto Technology, Gurgaon, Haryana

- Handled data entry for quality inspection reports, billing and internal documentation using MS Excel and Tally.
- Maintained and organized physical and digital files, ensuring efficient data retrieval and storage.
- Gained hands-on experience with Excel and Tally improving documentation accuracy and workflow efficiency.

## Achievements

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- Secured 7<sup>th</sup> rank in TANCET MCA Entrance, 2024
- Achieved 2<sup>nd</sup> position in **PPT Competition** at Dronacharya Govt. College, Gurgaon in 2019.

## Leadership and Extracurricular Activities

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- Recognized as a Plenary Speaker at the **5th World Congress on Disaster Management**, hosted at IIT Delhi (Nov 2021), for addressing the audience on disaster preparedness and community resilience.
- Participant, **Children National Assembly** (New Delhi, Dec 2019): Participated in the national assembly organized by World Vision India to commemorate the 30th anniversary of the UN Convention on the Rights of the Child (UNCRC).