

# R Chitti Babu

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## Summary

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Motivated and detail-oriented Developer with a strong foundation in Python, JavaScript, React.js, HTML, CSS and Bootstrap. Experienced in building responsive and user-friendly web applications through academic and personal projects. Skilled in OOP concepts, SQL database management, and Git/GitHub version control. Passionate about learning new technologies and contributing effectively in agile environments to deliver high-quality software solutions.

## Technical Skills

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**Languages:** Python, SQL, HTML, CSS, JavaScript

**Frameworks / Libraries:** Django, React.js, Bootstrap

**Databases:** MySQL, MongoDB, SQL (Joins, Subqueries, Views), MySQL Workbench

**Tools Platforms:** Git, GitHub, MS Excel, Power BI

**Technical Proficiencies:** OOP, Exception Handling, Multithreading, RESTful Web Services, Database Management Systems

**Soft Skills:** Problem-solving, Analytical thinking, Time management and organizational skills

**Areas of Interest:** Artificial Intelligence (AI), Agile Development, Frontend Development, Full-Stack Web Development, Database Management

## Projects

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**Banking System | Django Web Application.** [Link](#)

[GitHub.com](#)

- Developed a full-featured Online Banking System using Django following MVC architecture.
- Built a deposit and withdrawal system with real-time balance updates and implemented bank account creation supporting multiple account types including Savings, Current, and Business accounts.
- Designed and normalized relational database schema for users, accounts, and transactions. Built admin panel features for managing users, accounts, and transaction monitoring.
- Implemented server-side validation and exception handling to ensure data integrity and Used Git and GitHub for version control and collaboration. Deployed and hosted the application on Render cloud platform for live access and testing.
- Tech Stack / Skills: **Python, Django, SQLite/MySQL, HTML, CSS, Bootstrap, Celery, Git, Render.**

**Portfolio Website.** [Link](#)

[GitHub.Com](#)

- Designed and developed a personal portfolio website to showcase skills, projects, and certifications.
- Implemented a responsive, user-friendly UI with optimized performance.
- Integrated interactive sections such as About, Skills, Projects, and Contact.
- Deployed the website on **Vercel** for fast, reliable performance.
- Tech Stack / Skills: **React.js, JavaScript, HTML, CSS, Responsive Design, Git & GitHub, Vercel & Render Deployment.**

**Fusion-Based AI Model for Early Risk Assessment of Metabolic Disorders**

[Link](#)

- Designed and developed an Ensemble Deep Learning (EDL) system integrating ANN, CNN, LSTM, and Hybrid CNN+LSTM models for early diabetes risk prediction.
- Implemented backend with Django and MySQL; frontend with JavaScript; experiments and model training using Python (Anaconda).
- Built a clinical dashboard for predictions, model comparison, and data visualization.
- Tech Stack / Skills: **Python, NumPy, Pandas, Matplotlib, Django, MySQL, JavaScript, Data Visualization.**

## Education

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**Sri Venkatesa Perumal College of Engineering and Technology**

Master of Computer Applications — CGPA: 8.37

Puttur, Andhra Pradesh

**August 2023 - September 2025**

**PVKN Govt Degree College**

Bachelor of Science — CGPA: 7.6

Chittoor, Andhra Pradesh

**July 2020 - August 2023**

## Certification

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**Full Stack Certificate** — Besant Technologies