

# VARUN THOTA

9063898894 | [varunthota30@gmail.com](mailto:varunthota30@gmail.com) | [linkedin.com/in/varun-thota4](https://www.linkedin.com/in/varun-thota4) | [github.com/Varun-Thota](https://github.com/Varun-Thota)

## EDUCATION

<b>Rajiv Gandhi University of Knowledge and Technologies (RGUKT), Basar</b> <i>Bachelor of Technology (BTech) in Computer Science; CGPA: 9.4/10</i>	2022 – present
<b>Rajiv Gandhi University of Knowledge and Technologies (RGUKT), Basar</b> <i>Pre-University Course (PUC); CGPA: 9.65/10</i>	2020 – 2022
<b>Telangana State Model School</b> <i>Class X; CGPA: 10/10</i>	2019 – 2020

## PROJECTS

- MediRedemption (MERN Stack Web Application)** | *React.js, Node.js, Express.js, MongoDB, Bootstrap*
- Developed an interactive **online appointment booking system** connecting patients, doctors, and admin efficiently.
  - Implemented secure authentication and authorization using JWT for different user roles.
  - Designed an intuitive **UI/UX for appointment management** with responsive, mobile-friendly interfaces.
  - Optimized backend APIs for faster appointment processing, reducing query execution time by **30%**.
- Personal Finance Dashboard with AI Insights (Spring Boot)** | *Spring Boot, React.js, MySQL, Python, Pandas*
- Built a **real-time finance tracker** to monitor and manage expenses, income, and investments effectively.
  - Integrated **machine learning-based budgeting recommendations** for personalized financial insights.
  - Developed robust Spring Boot REST APIs for secure and scalable multi-user access.
  - Implemented dynamic data visualization with interactive charts to highlight user spending patterns.
- AI-Powered Recipe Recommendation System (MERN + AI)** | *React.js, Node.js, MongoDB, TensorFlow, Python*
- Developed an AI-driven system for personalized recipe recommendations based on user preferences and ingredients.
  - Integrated machine learning models for dynamic recipe suggestions and user feedback adaptation.
  - Implemented a real-time search and filtering feature, **reducing query response time by 40%**.
  - Designed and deployed a scalable MERN stack architecture with AI-powered features.

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C, JavaScript

**Frameworks & Libraries:** React.js, Redux, Node.js, Express, Spring Boot, Hibernate, Thymeleaf, Bootstrap

**Database:** MongoDB, MySQL

**Developer Tools:** Git, Visual Studio Code, Eclipse, IntelliJ, Google Cloud Platform

**Soft Skills:** Positive Work Ethic, Quick Learning Capability

**Others:** Computer Networks, Object-Oriented Programming, Database Management System (Relational Database), Operating System, Data Analytics, Software Engineering

## ACHIEVEMENTS

Solved **400+** problems in Leetcode and **300+** problems in GeeksForGeeks

Smart India Hackathon Participation

Secured a **1500+** rating in top **16%** of users and reflecting solid coding proficiency

## INTERESTS

Travelling, Fitness, Self-Improvement