

MATTUPALLI KIRAN KUMAR

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SUMMARY

Passionate and adaptable Computer Science undergraduate with hands-on experience in full-stack development, mobile app development (Flutter), and real-time tracking systems. Skilled in building intelligent applications using AI tools, Firebase, Supabase, and cloud platforms. Strong foundation in Python, Java, and SQL with proven ability to create effective prompts and develop scalable software solutions. Known for a growth mindset, creative problem solving, and effective collaboration in team environments.

EDUCATION

Chalapathi Institute of Engineering and Technology, Guntur, India *Aug 2022 – May 2026 (Expected)*
Bachelor of Technology in Computer Science and Engineering; **CGPA: 7.0**

Sri Chaitanya Junior College, Guntur, India *Jun 2020 – Apr 2022*
Intermediate (Mathematics, Physics, Chemistry); **CGPA: 8.2**

Zilla Parishad High School, Narakoduru, Guntur, India *Jun 2019 – Mar 2020*
Secondary School Certificate; **CGPA: 9.5**

SKILLS SUMMARY

- **Languages:** Python, SQL, Java, C
- **Frameworks:** Flutter
- **Tools:** Firebase, Firestore, MySQL, SQLite, Excel
- **Platforms:** Android Studio, Visual Studio Code, IntelliJ
- **Soft Skills:** Communication, Leadership, Team Collaboration, Problem Solving
- **Languages Known:** English, Telugu

WORK EXPERIENCE

Java Programming Trainee *Jun 2025 – Present*
FaangTechLab (Training via CodeGym.cc)

- Intensive Java programming training covering OOP concepts, collections, and algorithms.
- Solved 100+ coding challenges and implemented mini-projects on the CodeGym platform.
- Developed small-scale Java-based console applications that demonstrate real-world problem solving.

PROJECTS

Bus Tracking Application *Mar 2025 – Present*
Technologies: Flutter, Firebase, MapTiler Maps

- Currently designing and developing a real-time bus tracking application using Flutter with MapTiler integration.
- Integrating Supabase for live location updates and optimized real-time back-end communication.
- Developing Firebase Authentication (using Google/OTP) and Firestore for secure driver data management.
- Building dedicated portals for administrators (central monitoring), drivers (location sharing), and students (live tracking with alerts).

Expense Tracker Web Application Link *May 2025*
Technologies: MERN Stack, Tailwind CSS, Recharts

- Designed and developed a full stack expense tracking application using MongoDB, Express.js, React, and Node.js.
- Included key features such as adding, editing, and deleting expenses/income, calendar-based tracking, graphical reports, and Excel export.

- Integrated dark mode, summary cards for financial insight, and a modern responsive UI.
- Incorporated animated transitions and interactive UI components for an enhanced user experience.
- Added real-time summary updates and financial statistics visualization using Recharts.
- Developed a responsive design with Tailwind CSS to ensure cross-device compatibility.

CERTIFICATES

- Google Cloud Computing Foundations (NPTEL)
- Air Pollution and Control (NPTEL)
- Google Cybersecurity Certificate
- Google AI Essentials
- Foundations of Project Management