

VARUN K S

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github.com/varunks04

ABOUT ME

I'm a Passionate Software Engineer with a strong foundation in Python and expertise in data analytics, automation, and visualization. Skilled at turning raw data into actionable insights through visual storytelling and efficient workflows. Adept at using modern tech stacks to solve real-world problems and deliver scalable solutions. Always eager to learn, adapt, and contribute in fast-paced environments

EDUCATION

JSS Academy of Technical Education

BE in Computer Science and Engineering

CGPA: 7.87 (Till 5th semester)

Expected Graduation: July 2026

SKILLS

Programming Languages: Python, Java, C, C++

Visualization: Tableau, Excel, Google Sheets

Python Tools & Libraries: Pandas, NumPy, Matplotlib, Seaborn, Plotly

Databases: MySQL, SQL, PostgreSQL

Tools & Platforms: Git, Linux, VS Code, Tableau Public, Google Workspace

Soft Skills: Communication, Negotiation, Adaptability, Leadership, Teamwork

PROJECTS

College Placement Management System

- Developed a web platform for managing placement activities, facilitating interaction between students, lecturers, and admins.
- Integrated real-time statistics, student profiles, job postings, and alumni networks.
- Enabled secure login with role-based access (admin, student, lecturer).
- Admin dashboard for controlling placement drives, student data, and notifications.
- **Tech Stack:** React.js, TypeScript, Tailwind CSS, PostgreSQL, Vite

Trading Bot with Live Alerts

- Built a trading bot integrated with Telegram that fetches data from Yahoo Finance using Python.
- The bot analyzes price movements, applies technical indicators, and displays graphical representations of data.
- Sends real-time buy and sell alerts to a Telegram channel based on triggered conditions.
- Integrated data visualization features, allowing users to track price trends and indicators.
- **Tech Stack:** Python, Yahoo Finance API, Telegram API, Matplotlib, Plotly

CERTIFICATIONS

- **Meta Database Engineer Professional Certificate** – Meta, Virtual (Mar 2025)
Covered SQL, Data Modeling, Indexing, Query Optimization, Python for automation, and real-world DB projects.
- **100 Days of Code: Complete Python Pro Bootcamp** – Udemy, Virtual (Mar 2025)
Hands-on Python training including Web Development, Automation, APIs, Data Science, and ML with 100 projects.
- **Mastering Data Structures & Algorithms using C and C++** – Udemy, Virtual (Jan–Mar 2024)
Focused on recursive problem-solving, sorting techniques, and in-depth implementation of data structures.