

Deekshith Bommarthi

[GitHub](#) | [LinkedIn](#)

✉ deekshith.bh0509@gmail.com | deekshith.bh7878@gmail.com | 📞 +91 8008565518

Education

Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad
B.Tech - Computer Science and Engineering

October 2021 - June 2025
CGPA: 8.19/10

Technical Skills

Programming Languages:	Python, JavaScript, SQL, C, Bash.
Frameworks, Libraries & DevOps:	Django, Docker, Git, GitHub, GitHub Actions, Streamlit, Hugging Face Transformers.
Core Competencies:	Data Structures and Algorithms, API Integration, Web Development, System Automation.
Soft Skills:	Problem-Solving, Project Management, Adaptability, Time Management.

Projects

Advanced Python Server 🔗

- **Overview:** Built a Python file-sharing server that improved transfer speeds by 65% compared to traditional methods.
 - Developed a Kivy-based Android application allowing seamless file access across 5+ device types.
 - Designed custom HTML/CSS interfaces that increased user engagement metrics by 80% in testing.

MetroNavigator Web Application 🔗

- **Overview:** Created a Django metro route optimizer that reduced journey planning time by 70% in simulated tests.
 - Decreased deployment time by 85% using Docker containerization for consistent environment setup.
 - Secured data transfers with HTTPS protocols, achieving complete compliance with security standards.

Versatile Web Innovations 🔗

- **Overview:** Built 30+ web applications including development tools and media players as self-directed projects.
 - Reduced user task completion time by 80% through implementation of real-time editors and interactive algorithm visualizations across multiple applications.
 - Integrated 6+ external APIs for services like currency conversion and translation with 95% reliability.

Automated Message Dispatcher 🔗

- **Overview:** Programmed an asynchronous Telegram message system handling 50,000+ messages with 78% faster processing.
 - Achieved 99.8% data integrity through a fault-tolerant JSON-based storage pipeline.
 - Cut message retrieval time by 65% using distributed caching architecture in high-volume simulations.

Advanced Telegram Bots 🔗

- **Overview:** Designed and developed 3 specialized Telegram bots with diverse functionalities, increasing automation by 76%.
 - **Message Broadcasting Bot:** Built a secure messaging platform with end-to-end encryption and anonymous routing.
 - **Web Application Bot:** Integrated multiple third-party APIs into a unified interface with asynchronous processing.
 - **File Sharing Bot:** Developed a comprehensive file management system with metadata indexing and search capabilities.

Coding Profiles

Leetcode :user5777yx (Rating: 1805, 400+ problems) **Hackerrank** :21241A05Z4 (6 Star Rating)
Interviewbit :deekshith-b_240 (Score: 24897+) **Codechef** :deekshith2124 (Rating: 1565)

Certifications

CyberSecurity - Specialization (Coursera) | DevOps - CI/CD (Infosys) | SQL Advanced (HackerRank) |
Data Analytics with Python (NPTEL) | Google Android Developer Internship (AICTE) | Smart-Coder-Diamond (SmartInterviews) |
Software Engineering Intern (HackerRank) | ITN-ENSA-SRWE (Cisco) | NDG Linux Essentials (Cisco).

Achievements and Activities

- Maintained **17+ open-source projects** with **600+ GitHub contributions**, showcasing expertise in scalable development.
- Solved **200+ deployment issues** by optimizing Android build processes via **Buildozer**.
- Developed an **automated system diagnostics tool** using **GitHub Actions**, improving performance monitoring.
- Ranked in **top 10% on Leetcode** with **400+ solved problems**, demonstrating strong **algorithmic skills**.

Hobbies

- Developing and maintaining open-source projects, experimenting with AI-driven tools, testing GSIs, and exploring emerging technologies.