

BASAVARAJ BANKOLLI

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Education

Dayananda Sagar Academy of Technology and Management

Dec 2022 – May 2026

Bachelor of Engineering, Information Science

CGPA: 8.0

Professional Summary

- Open-source contributor and backend engineer with hands-on experience in AWX, Linux systems, and Go development.
- Actively contributing to the Go project by submitting documentation improvements and collaborating with maintainers.
- Actively contributing to AWX by writing integration tests, validating issues, and collaborating with maintainers.
- Passionate about backend systems, open-source development, and building reliable software.

Open Source Contributions

Go Project and AWX

2025 – Present

Open Source Contributor

- Contributed to the Go project by improving documentation in the toolchain (cmd/fix), clarifying analyzer flag behavior and following Gerrit-based workflows.
- Developed integration tests and validated issues in AWX, improving reliability and ensuring expected behavior across releases.
- Collaborated with maintainers through code reviews, issue discussions, and adherence to open-source contribution standards.

Technical Skills

- **Languages:** Go, Python, SQL, Bash, C++.
- **Backend Development:** REST APIs, Flask, Django, MongoDB, SQLite.
- **Systems:** Linux (Ubuntu/RHEL-based), Git, Debugging, Code Reviews.
- **Testing:** pytest, integration testing, CI workflows.
- **Cloud & Infrastructure:** AWS, Docker, GitHub Actions.

Projects

FaceTrack: Intelligent Attendance System — Flask, MongoDB, OpenCV, AWS

[Link](#)

- Built a microservices-based face recognition system to automate attendance logging.
- Developed REST APIs in Flask for real-time data ingestion and secure operations.
- Integrated Django with OpenCV achieving ~95% accuracy in face detection.
- Deployed using an AWS-based pipeline to ensure scalability and reliability.

CodeApti: Quiz & Analytics Platform — Django, SQLite, React, OAuth2, AWS

[Link](#)

- Built a full-stack mock exam platform with role-based access control and OAuth2 authentication.
- Designed score tracking and visualizations in user profiles using dynamic plots/graphs.
- Handled deployment on AWS to ensure high availability and scalability.

Achievements

- Secured **2nd Place** in AlgoRave Codothon 2K25 among 50+ teams.
- Achieved **Knight** tier on LeetCode with a maximum rating of 1810.
- Reached **Specialist** rank on Codeforces with a maximum rating of 1420.
- Achieved **3 (Three-star)** rating on CodeChef with a maximum rating of 1550.

Certificates

- AWS Cloud Practitioner – AWS
- Python for Data Science and Machine Learning – Udemy
- Machine Learning Fundamentals – Udemy