Govind Swamy

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LeetCode: leetcode.com/u/govindswamy26

Skills

- **Languages:** C, C++, Python, Java, R, Kotlin
- **Frameworks:** HTML, CSS, Pandas, NumPy, Matplotlib
- **Tools/Platforms:** MySQL, Tableau, Power BI, Hadoop, Git, GitHub
- **Soft Skills:** Problem-Solving, Teamwork, Project Management, Adaptability

Internship

Grantely Edu-Tech — July – Aug 2024

- Developed interactive, real-time dashboards using Power BI and Tableau, optimizing data-driven decision-making processes.
- Engineered predictive models, enhancing student performance forecasting accuracy by 20%.
- Automated data preprocessing pipelines in Python, reducing manual effort by 30%.
- **Tech Stack:** Python, R, Power BI, Excel

Projects

Movie Recommendation System — Jan – Feb 2025

- Engineered a robust recommendation engine utilizing hybrid collaborative and content-based filtering techniques.
- Implemented machine learning algorithms to improve personalized recommendations, boosting user engagement by 40%.
- Developed a Flask-based API to serve real-time recommendations to a front-end interface.
- **Tech Stack:** Python, Pandas, Scikit-learn, TensorFlow, Flask

Netflix Movies Dashboard — Nov 2024

- Developed a data-driven dashboard in Tableau, analyzing trends in Netflix's content library to improve content discovery.
- Extracted and visualized insights on top directors, regional distribution, and age-based content categorization.
- Implemented advanced filters and calculated fields, enhancing analytical capabilities.
- **Tech Stack:** Tableau, R

Banking Application using Java & MySQL — March – May 2024

- Designed and developed a secure, scalable banking system with multi-layered authentication, seamless fund transfers, and real-time transaction tracking.
- Integrated MySQL through JDBC, implementing optimized database queries to enhance efficiency.
- Developed a dynamic, user-friendly UI using JavaFX, improving user engagement by 35%.
- **Tech Stack:** Java, JavaFX, JDBC, MySQL

Certifications

- Complete Interview Preparation (C++) – GFG **May – Dec 2024**
- Java Programming Certification – Udemy **Jan – Mar 2024**
- Java Spring Boot – Udemy **Jan – Mar 2024**
- Object-Oriented Programming in C++ – Udemy, Coursera **Sep – Dec 2023**

Achievements

- **Dean's Top 10% Students** – Recognized for academic excellence and extracurricular activities.
- **Secured Top 10% Rank in an Open Source Hackathon** – Contributed to open-source projects, fixed critical issues, and implemented new features.
- **LeetCode Achievement:** Solved 320+ problems over 180+ days focusing on Data Structures & Algorithms.
- Participated in LeetCode Weekly/Monthly Contests, improving problem-solving and algorithmic thinking.

Education

- **Lovely Professional University** **Since August 2022**
  Punjab, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 8.00
- **Sri Chaitanya Jr College** **April 2020 - March 2022**
  Vijayawada, AP
  Intermediate; Percentage: 94.7%
- **Narayana School** **March 2020**
  Tadipatri, AP
  Matriculation; Percentage: 100%