PRANAV SAGAR

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Summary

A 22-year-old recent graduate, I am currently a Software Engineer at Glance, specializing in Java, JavaScript, Python, and diverse technologies. My contributions include projects like a recommendation engine and an scholarship transfer system for Central Govt.

EDUCATION

Bachelor of Technology, Computer Science   Aug 2019-July 2023
Rajasthan Technical University, Jaipur   9.10 GPA (Silver Medalist)
Relevant coursework: Software development, Machine Learning

12th - Kendriya Vidyalaya   April 2019
Central Board of Secondary Education (CBSE)   76%
Relevant coursework: Mathematics (PCM)

TECHNICAL SKILLS

Programming: Java, Python, JavaScript
Framework (Basic): SpringBoot, Play, Nodejs
Data Science and Statistics: Statistics, Machine Learning, Natural language processing, Deep Learning (Basic)
Databases: MySQL, PostgreSQL
Open Source: Apache Airflow, Git, Docker,Argo CD
Coursework: Data Structures Algorithms, DBMS, OS, Networking, OOPs, SDLC, Agile (Scrum , Kanban), Web Development, System Design, Git, Docker
Cloud Platforms: Azure, Databricks, Google Colab, AWS
Certifications: Microsoft AI Fundamentals, Microsoft Data Fundamentals, IIT Kharagpur: Programming in Java

EXPERIENCE

Software Engineer @ Glance InMobi- Bengaluru, India   Sept 2023 – Present

- Worked on migration of auth. service from the legacy system, to the modernized service, reducing sign-in times and enhancing overall efficiency. Documented the setup and procedures service.
- Automated secret-key management for clusters of different service, streamlining config file creation after pod restarts.
- Optimized video feed memory management on Buzz (our short video sharing platform), reducing client-side load and resolving crashes.
- Reduced vulnerabilities across multiple codebases, enabling ISO certification. Introduced a base Docker image for replication.
- Developed a Content Moderation pipeline for Roposo (Video streaming app) for moderator, ensuring quality content publication and user engagement.
- Automated backend support reports, enhancing report accessibility and sharing processes.
- Improved UI on the Moderation page frontend, decreasing on-call reports and providing better user guidance during crashes.

ML Engineering Intern @ Celebal Technologies- Jaipur, India   May 2022 – July 2022

- Developed a content-based recommendation system for a video streaming client by analyzing user behavior and historical data through API data fetch.

PROJECTS

Project Vaani - Smart India Hackathon   GitHub - *https://github.com/PranavSagar/Project-Vaani—SIH*
Skills- PostgreSQL, Database.

- Enable a direct scholarship transfer system, thereby streamlining the process and ensuring efficient and secure disbursement of funds

Event Management System with GUI   GitHub - *https://github.com/PranavSagar/javansp*
Skills- Java, Database, SQL, Swing Framework.

- Developed a Java GUI application for my college event with the feature of collecting, retrieving and displaying data from a database.

ACTIVITIES

- Smart India Hackathon 2022 — **National level Hackathon** conducted by the Govt. of India - Team Wiresharks (ID - 25116) **RunnerUp** - Worked on an offline Scholarship portal under the problem statement of MEITY (PS ID - PK851)
- **Open Source Contribution** - Contributed to 4 open-source projects on **GitHub Hacktoberfest 2022**, successfully merged.
- Published **articles** on Medium *https://medium.com/@prnv1009* [Most viewed article: Monte Carlo Simulation]
- Achieved recognition as one of the top 10 teams at the RTU 2021 **Hackathon** and **Startup** Innovation Contest
- **Coding profile** - https://leetcode.com/prnvsgr - LeetCode Profile [Highest rating 1577 (**Globally top 25%)**]
- Winner of 'Check and Mate' (Chess competition) in three continuous years from 2021 to 2023.