

CONTACT

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EDUCATION

2021-2023

DAYANANDA SAGAR COLLEGE OF ENGINEERING

- Master of Computer Application
- CGPA:8.5/10

2018-2021

BANGLORE NORTH UNIVERSITY

- Bachelor of Science
- CGPA: 8.5 / 10

2022-2026

IIT-M

- Bachelor of Science
- CGPA: 7 / 10

SKILLS

- Python
- JavaScript
- Data Structures
- Algorithm
- OOPS
- Unix/Linux
- HTML
- CSS
- AWS Lambda
- PostgreSQL
- MongoDB
- Flask
- Node.js
- React.js
- Express.js
- Vue.js
- Docker
- REST APIs
- Redis
- Celery
- Git
- Power BI Desktop
- Power Query
- DAX for advanced data modeling
- Data Visualization

PRANAV N

SOFTWARE ENGINEER

PROFILE

Detail-oriented Python Developer with hands-on experience in building scalable web applications and automating processes using Flask, AWS, and Redis. Proven ability to design and implement APIs, optimize performance, and manage cloud-based deployments. Adept at collaborating with cross-functional teams to deliver innovative solutions, with a strong focus on clean, maintainable code. As a fresher, eager to apply my technical skills and passion for learning to contribute to innovative projects and drive impactful results.

INTERNSHIP

Talview

Backend developer

AUG 2023-JAN 2024

Developed a comprehensive Slack bot for Talview employees to streamline leave management by integrating with Zoho People.

- Utilized Zoho People APIs to fetch and update leave data.
- Implemented Redis to store access tokens securely.
- Developed the Slack bot from scratch using Node.js, mapping employee IDs to Slack IDs using PostgreSQL for efficient data management.

This solution significantly simplified the leave application process for employees, allowing them to apply for leaves directly from Slack.

PROJECTS

Household Services Platform

Designed and developed a multi-user platform to manage household service requests, connecting customers with service professionals while providing admins with robust control and monitoring capabilities.

- Backend: Built RESTful APIs using Flask and SQLite for data storage, with Redis and Celery for caching and asynchronous batch processing.
- Frontend: Developed a dynamic, responsive UI using VueJS and Bootstrap for consistent styling.
- Authentication: Implemented secure, role-based access control (RBAC) with JWT for admin, customer, and service professional roles.
- Admin Dashboard: Enabled admins to manage users and services, monitor activity, and generate CSV exports for offline analysis.
- Automated Notifications: Leveraged Redis and Celery to send daily service reminders via Google Chat Webhooks and generate monthly service activity reports.
- Performance Optimization: Integrated Redis caching to improve response times for frequently accessed data.

This project delivered a scalable and modular platform with seamless user experience, responsive UI, and detailed documentation for reproducibility.

Amazon Prime Dashboard using Power BI

Developed a dynamic Power BI dashboard to analyze Amazon Prime content, showcasing genre distribution, movie-to-show breakdown, and geographic coverage through bar charts, donut charts, and maps. Leveraged Power Query for data collection, cleaning, and transformation to ensure accurate and actionable insights. Designed intuitive visualizations to aid strategic decision-making.