

DIKSHA

Programmer Analyst Trainee



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EDUCATION

B Tech Computer Science Engineering – SJB Institute of Technology – 2025

SKILLS

- SQL/PLSQL
- Python
- Basics of Java
- HTML & CSS

Tools and Techniques

- Django (Web framework)
- MySQL/PLSQL (Database management)
- Oracle APEX
- HTML/CSS

CERTIFICATION

- Elite-Certification-Design thinking-A Primer– NPTEL
- Google-Developer=Groups (Gen-AI Study Jams)
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

PROFESSIONAL OVERVIEW

- Dynamic and motivated Programmer Analyst Trainee, with a strong foundation in full-stack development and cybersecurity, eager to apply my skills and experience to drive innovation software solutions and research initiatives.
- Passionate about creating clean, efficient code and optimizing performance in enterprise-level applications while continually expanding my expertise in AI and emerging technologies.

WORK EXPERIENCE

Cognizant Technology Solutions

March 2025 – Present

Project2: Agent-Based login System – Oracle APEX

Developed a web-based reservation system using Oracle APEX, SQL, and PL/SQL

Designed an agent-driven booking flow with secure authentication and role-based access

Project1: Agent-Based Railway Reservation System – Oracle APEX

- Built an agent-based reservation system using Oracle APEX with SQL and PL/SQL
- Implemented authentication, authorization, and dynamic ticket inventory updates
- Integrated email notifications to passengers' mobile numbers

Hindustan Aeronautics Limited (HAL)

Oct 2023-Nov2023

Project1: Ecommerce Website (Intern)

- Developed an e-commerce website for selling souvenirs and product inside the firm using HTML, .Net and CSS.

Indian Space Research Organization

Sep 2024-Nov 2024

Project1: GUI developer (Intern)

Satellite Tracking System: Developed a Python-based GUI to calculate satellite distances, determine latitude, longitude, and velocity, and track positions efficiently using Tkinter

ACADEMIC PROJECTS

SJB INSTITUTE OF TECHNOLOGY

Dec 2021 – May 2025

An Automatic Model which translates Video from English to other Regional Languages

JAN 2024- Mar 2024

- Developed an Automatic Video Translation System that converts English videos content into multiple regional languages.
- Utilized Python's built-in libraries to perform speech recognition, translation, and subtitle generation for seamless multilingual output.

Anywhere Voting Machine

May 2024 – July 2024

- Developed a Django-based Remote Voting System as part of a collaborative project, enabling secure anywhere voting functionality.
- Implemented facial recognition using LBPH and Haar-Cascade, and integrated two-factor authentication (OTP & email) for robust security.

