

Abhay Padavi

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EXPERIENCE

Software Engineer Trainee

Hindustan Aeronautics Limited

October 2024 - October 2025, Nashik

- Led the execution of 3 high-priority software projects assigned by the General Manager, delivering all milestones on schedule and maintaining an 84% on-time completion rate and Collaborated with cross-functional teams to resolve technical challenges, presented project updates and improved project visibility and stakeholder satisfaction.
- Utilized standard packages and implemented bulk binding techniques in writing database Procedures, Triggers, Cursors, Functions, and Packages for front-end modules. Enhanced system performance through query optimization and performance tuning, contributing to a 35% improvement in overall system efficiency.
- Spearheaded weekly meetings to share recent findings and actionable insights, and fostered a productive work environment centered on personal accountability, contributing to a 10% reduction in overtime. Facilitated seamless client communication, actively participating in meetings to understand requirements and provide project updates.
- Conducted rigorous testing, including unit and end-to-end testing, to ensure stable and bug-free application delivery. Presented data summaries and visualizations to stakeholders, resulting in a 60% improvement in strategic goal alignment and better overall outcomes.

SKILLS

Programming & Database Languages: PL/SQL(Including APIs), Python, SQL, ASP.NET, C#, HTML, CSS, XML

Frameworks & Libraries: Pandas, NumPy, Seaborn, Matplotlib, Scikit-learn, BeautifulSoup, TensorFlow

Tools & Platforms: Tableau, Power BI, Git, Visual Studio Code, Oracle, ORDS, Android Studio, PL/SQL Developer, DevExpress, Linux, Anaconda

Certifications/Job Simulations: Accenture Data Analytics & Visualization (Forage)

Tata Data Visualization (Forage)

Standard Bank Data Science Simulation (Forage)

Soft Skills: Problem Solving, Critical Thinking, Team Collaboration, Effective Communication

Languages Known: English, Hindi, Gujarati, Marathi

PROJECT

Tender Management and Automation System

- Developed role-based dashboards providing real-time visibility into tender counts by stage, closed tenders, and active evaluations, with drill-down data grids driven by automated vendor disqualification and refund eligibility logic across registration, deposit verification, technical evaluation, and L1 pricing stages.
- Build complex PL/SQL procedures, functions, and triggers to validate vendor data, generate tender numbers, enforce business rules, and maintain data integrity and compliance at the database level
- Reduced manual coordination and follow-ups by 60%, improving processing speed and audit traceability.
- Supported requirement analysis and iterative enhancements through frequent stakeholder meetings in a compliance-driven environment.

Training and Placement Portal

Final Year Project

- Implemented a full-stack Training and Placement portal that allows college students to view, apply, and track job opportunities through a centralized platform, replacing manual placement coordination and improving accessibility for both students and placement officer.
- Designed and integrated an adaptive recommendation system that evaluates students' academic and performance-related data to suggest relevant courses, helping bridge skill gaps and improve career readiness.

EDUCATION

Bachelor of Engineering, Pune

Trinity Academy of Engineering (CSE) • 2023 • 8.29 CGPA

Higher Secondary Certificate (HSC), Science Stream, Surat

L.P. Savani Vidhyabhavan • 2019 • 70.66%

Secondary School Certificate (SSC) , Surat

Smt. L.N.B Daliya High School • 2017 • 70.33%

INVOLVEMENT

Purushottam Karandak • August 2022 - Feb 2023

- Participated in a cultural activity by performing in a Marathi drama.

DEXTO MOTORS • February 2023

- Promoted unique features of electric vehicles at a grand EV Expo and Contest hosted by the Nowrosjee Wadia College, Pune.

Trinity Academy of Engineering • July 2022 - May 2023

- Held a position on the Public Relations (PR) team at the college, facilitating effective communication and outreach.