

Tharun Kommaddi

Oracle APEX Developer ♦ 5+ Years Enterprise Experience ♦ APEX 24.x | PL/SQL | ORDS | REST APIs | Oracle Forms Migration | OCI

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PROFESSIONAL SUMMARY

Results-driven **Oracle APEX Developer** with **5+ years** of enterprise experience at EMANO Development GmbH, Germany. Expert in **Oracle APEX 24.x, Advanced PL/SQL, ORDS, REST/SOAP APIs, Oracle Forms migration, SSO/LDAP/MFA, OAuth 2.0, SQL performance tuning, data modelling, and application security.** Delivered scalable enterprise applications across **automotive, heritage, e-signature, and retail** sectors. Experienced in **Oracle Cloud (OCI/ADB), Jasper Reports, Power BI, GitHub DevOps, and AI integrations.** Dual M.Sc. in Computer Science & AI. **Available immediately. Open to India and Gulf.**

EXPERIENCE

Senior Oracle APEX Developer

EMANO Development GmbH

Jun 2021 – Present

Chemnitz / Schrobenhausen, Germany · Full-time · 5 yrs

- **Regulation Management System** (Automotive / EMEA): Enterprise APEX 24.x platform; PL/SQL packages (PCK_RI_COCKPIT2, PKG_REGULATION_REPORT), Oracle Text across **40,000+ records**, mass-update wizards, milestone comparison, Dynamic Actions — **60% report time reduction**
- **Heritage Management System** (European institution): Multi-module APEX with RBAC, Jasper Reports, real-time dashboards, and data modelling for cultural asset workflows
- **E-Signature Platform** (DocuSign/AKV): Production **ORDS REST endpoints; OAuth 2.0, SSO/LDAP/MFA**, authorization flows, and webhook callbacks for real-time document lifecycle
- **Retail Automation** (EDEKA): Oracle EBS/ERP-integrated APEX app; Interactive Reports & Grids, workflow management, **Oracle Forms to APEX 24.x migration** with PL/SQL refactoring
- **Jira REST API**: PCK_CIP_JIRA package for automated ticket creation, clone, and COCOA workflow sync; eliminated manual coordination overhead
- **Advanced PL/SQL**: Packages, triggers, materialised views; **40% performance gain** via SQL Tuning, Explain Plan, index optimisation; full application security hardening
- **Modern API Integrations**: Groq AI chatbot (Llama 3.3 70B), YouTube Data API, weather REST, SOAP/WSDL — all within Oracle APEX
- **GitHub DevOps**: DBMS_CLOUD_REPO pipeline (PCK_GITHUB_BACKUP, PCK_BACKUP_LOGGER) — automated nightly push of DB objects and APEX exports
- **Agile/Scrum** delivery with German and international teams; technical documentation in English and German

Junior Machine Learning Engineer

EngiGyan Techno Pvt. Ltd.

Apr 2019 – Sep 2019

India · Full-time

- Led design and deployment of machine learning models in production environments
- Collaborated with 7-member ML team on data analysis and model optimization
- Conducted quality assurance assessments to validate model performance
- Implemented ML and DL frameworks for ongoing model maintenance

Data Analyst

EngiGyan Techno Pvt. Ltd.

May 2018 – Aug 2018

India · Full-time

- Developed interactive dashboards and data visualization tools
- Managed multiple projects within 5-member analyst team
- Created detailed design presentations for client proposals
- Provided data-driven recommendations for business strategies

TECHNICAL SKILLS

Oracle APEX	APEX 24.x/23.x/21.x/20.x, App Builder, Page Designer, Dynamic Actions, Interactive Reports & Grids, Faceted Search, Charts, REST Data Sources, Collections, Plug-ins, Universal Theme, APEX_MAIL
PL/SQL & Oracle	Packages, Procedures, Triggers, Cursors, Materialised Views, Oracle Text, SQL Tuning, Explain Plan, Schema Design, Data Modelling, JSON/XML; Oracle DB 19c/21c; Oracle EBS/ERP; Oracle Forms Migration
ORDS & APIs	Oracle REST Data Services (ORDS), RESTful APIs, APEX_WEB_SERVICE, SOAP/WSDL, OAuth 2.0, SSO/LDAP/MFA, Jira REST API, Groq AI API, YouTube Data API, Webhooks, DocuSign REST API
Cloud & DevOps	Oracle Cloud (OCI), Autonomous Database (ADB), DBMS_CLOUD_REPO, Git, GitHub, Agile/Scrum, SQL Developer, VS Code, JIRA, Python
Web & Reporting	HTML5, CSS3, JavaScript (ES6+), jQuery, AJAX, Bootstrap; Power BI, Jasper Reports (JRxml), Tableau, APEX PDF Printing

KEY PROJECTS & ACHIEVEMENTS

Oracle APEX Interview Mastery App	2025 – Present
<ul style="list-style-type: none">Published web app (tharunkommaddi.github.io/OracleAPEXPrep1) with 200+ SQL, PL/SQL, and APEX interview questions; converted to Android APK via Median.co and published on Google Play — full end-to-end product delivery	
App 200 — Personal APEX Lab on Oracle Cloud ADB	2024 – Present
<ul style="list-style-type: none">APEX sandbox (Workspace: WKSP_THARUN) on OCI/ADB with 10+ shipped feature pages: Groq AI chatbot, YouTube API dashboard, weather API, SOAP integration, employee upload, and automated GitHub DevOps backup	
tharunkommaddi.com — Developer Portfolio	2024 – Present
<ul style="list-style-type: none">Personal portfolio with magnetic cursor effects, bento grid layout, section-based background music, dark/light mode, and fully responsive design — built with HTML5/CSS3/JavaScript	

EDUCATION

M.Sc. Artificial Intelligence — Grade: 9.7/10 (Distinction) <i>Wolff University</i>	May 2022 – Dec 2024 <i>Malta</i>
M.Sc. Computer Science — Grade: 8.5/10 <i>Technische Universität Clausthal</i>	Apr 2020 – Sep 2024 <i>Germany</i>
B.Tech. Computer Science — Grade: 7.1/10 <i>Jawaharlal Nehru Technological University, Anantapur</i>	Jul 2015 – Apr 2019 <i>India</i>

CERTIFICATIONS & PUBLICATIONS

- ML Engineer Nanodegree — Udacity (2019) · Machine Learning — Coursera (2018) · Python Data Structures — Coursera (2018)
- Vessel Detection in Space-Borne Photography using CNN* — IJRASET, Apr 2019
- Rainfall Prediction with ANN & FFNN Models* — International Journal of Research, Feb 2019

LANGUAGES & AVAILABILITY

Telugu (Native) | **Hindi** (Full Professional) | **English** (Full Professional)