Chindhamani Nachiappan

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# Professional Summary

• 7 years of professional software development experience with TCS (2010–2017), using Python, Oracle PL/SQL, MySQL.  
• 2 years of experience in Python programming.  
• PCAP-Certified Associate in Python Programming.  
• Proficient in Python data structures, algorithms, unit testing (Pytest), and Git.  
• Strong backend expertise: PL/SQL optimization, MySQL triggers/procedures, performance tuning.  
• Familiar with Agile/Scrum practices, JIRA, Confluence, GitHub workflows.  
• Familiar with data analytics and visualization (Tableau, Excel).  
• Took a planned career break for full-time caregiving; actively upskilling through coursework and certifications.

# Technical Skills

Languages & Frameworks: Python (Flask, FastAPI, Pandas, NumPy, Pytest), Oracle PL/SQL, MySQL  
Databases: Oracle 9i – 12c, MySQL  
Tools: JIRA, Confluence, GitHub, RabbitMQ, SQL Developer, PowerBuilder, PyCharm, Jupyter, PGAdmin  
AWS: S3, EC2, IAM, Lambda  
Others: Tableau, Excel (VLOOKUP, Pivot, Macros), Unix

# Certifications & Courses

[1. PCAP – Certified Associate in Python Programming (2023)](https://verify.openedg.org/?id=UFxi.Dp47.O0qT)  
[2. Oracle Advanced PL/SQL Developer Certified Professional (2016)](https://www.credly.com/badges/0c4e8086-c43e-4a32-b670-76274bad8536/linked_in_profile)  
[3. Data Warehouse – The Ultimate Guide (Udemy)](https://udemy-certificate.s3.amazonaws.com/image/UC-b18eedae-dbed-43c6-b205-fdcf4e78018c.jpg)  
[4. RabbitMQ with Python (Udemy)](https://www.udemy.com/certificate/UC-1239ccfe-d4ad-469c-9063-eab12ae7f7d0/)

# Professional Experience

* Tata Consultancy Services (TCS), India & USA
* IT Analyst | Nov 2010 – Sep 2017
* Project: Cisco (Client) | Developer | Bangalore, India | Apr 2015 – Sep 2017

• Designed and optimized backend logic for a web-based team calendar; improved response time from 9s to 0.2s.  
• Developed 10 triggers, 8 procedures, and 2 functions in MySQL; used Flask and Python for frontend/backend logic.  
• Handled end-to-end SDLC: requirement gathering, design, development, testing, deployment, and support.  
Tech Stack: Python, Flask, MySQL, PyCharm, MySQL Workbench

* Project: Huntington Bank (Client) | Developer | Bangalore, India | Oct 2016 – Mar 2017

• Developed optimized PL/SQL code, implemented business logic, and resolved defects.  
• Participated in Agile stand-ups and client syncs.  
Tech Stack: Oracle PL/SQL, Python, Excel

* Project: Vodafone UK (Client) | Team Lead | Chennai, India | Sep 2015 – Sep 2016

• Led a data migration project with a team of 7; wrote and reviewed PL/SQL ETL scripts.  
• Interfaced with clients to collect raw data, validate it, and ensure accurate end-to-end migration.  
• Addressed SIT/UAT defects and enhanced reconciliation processes.  
Tech Stack: Oracle PL/SQL, Unix

* Project: CenturyLink Inc. (Client) | Developer | Chennai, India & Dublin, Ohio | Apr 2011 – Jul 2015

• Developed and maintained enterprise provisioning tools using PowerBuilder and PL/SQL.  
• Analyzed and resolved tickets, performed root cause analysis, and delivered permanent fixes.  
• Delivered client documentation including HLDs, LLDs, and test reports.  
Tech Stack: PowerBuilder, Oracle PL/SQL

# Education

B.Tech in Information Technology – Anna University, India (2006–2010)  
CGPA: 8.25 / 10.0

Note: Currently working on a Python-based coursework project (in progress) to further enhance backend and data analysis skills.