

# DHARSHINI CHEMBIAN

Software Developer

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## SUMMARY

A dedicated and curious technology professional with a strong foundation in tibco integration and cloud computing. Recently certified as an Associate Google Cloud Engineer, skilled in deploying, managing, and operating scalable, secure, and highly available solutions on GCP. A proactive learner, eager to apply technical expertise to solve real-world challenges and drive innovation.

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## WORK EXPERIENCE

**Tibco Developer - AbbVie, Cognizant Technology Solutions**

**Aug 2024 - Present**

**Project: Patient Support Program (PSP)**

Bangalore, Karnataka

- Developed core applications for a patient management platform using a 3-layer architecture (EAPI, PAPI, SAPI).
- Engineered and delivered a **Patient Enrollment application** and a **Prior Authorization module** for insurance claims.
- Built and deployed solutions across all three API layers to ensure seamless data flow and end-to-end functionality.

**Research And Development Intern, ERNET India**

**Aug 2023 - Jan 2024**

Chennai, Tamilnadu

- Conducted research on advanced technologies, including Visible Light Communication(Li-Fi) and Quantum Secure Communication.
- Researched the use of drones for precision agriculture, leading to a project proposal to enhance crop disease detection and recommend fertilizers, improving accuracy by 20%.
- Collaborated with the team on a research-based project involving drones, focusing on disease prediction in crops and recommending suitable fertilizers using image processing techniques.

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## EDUCATION

**Bachelor of Engineering in Electronics and Communication**

**Aug 2019 - July 2023**

Anna University, Chennai, Tamilnadu

GPA: 8.93 / 10

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## TECHNICAL SKILLS

- Programming Languages: Python, C++
- Web Technologies: HTML5, CSS3, JavaScript
- Databases: MySQL, SQL Server
- Development Tools: Eclipse, Visual Studio Code, Git
- Integration & Middleware Tools: TIBCO BusinessWorks 5.x, TIBCO Designer 5.x, TIBCO EMS, REST, SOAP, TIBCO Administrator 5.x, WSDL, XML, XSLT
- Cloud Tools: GCP, Compute Engine, Cloud Storage, Cloud Monitoring & Logging, VPC Networking
- Soft Skills: Project Management, Problem-Solving, Communication, Leadership

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## CERTIFICATIONS

- Associate Google Cloud Engineer
- AIGPE Six Sigma Yellow Belt
- Certified Lean Six Sigma White Belt
- International English Language Testing System (IELTS)  
Score: C1 CEFR Level

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