


# Godwin Paul Vincent

Senior Principal Technologist

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Senior Principal Technologist with 16+ years hands-on experience in Software Engineering and Architecture. Expertise in creating and establishing Architecture and Platform Best Practices, Guidelines, Strategic Roadmaps (Short and Long Term), and use case evaluation for Enterprise-wide solutions.

Proficient in Azure, Microsoft tech stack, Conversational AI, Generative AI (Azure Open AI, GPT), Full stack development, Cloud architecture, Office 365, C#, Python, CI/CD, DevOps, Digital transformation, and strategic planning. Skilled in product roadmap development, market research, and data analysis, project management. Strong communicator with organizational, multitasking talents. Passionate towards innovation and value realization.



## Core Strengths

GPT, Azure Open AI, Conversational AI	■ ■ ■ ■ ■
Software Engineering & Cloud Architecture (Azure Expert)	■ ■ ■ ■ ■
Product Development & Consulting	■ ■ ■ ■ ■
Strategy & Planning	■ ■ ■ ■ ■



## Accomplishments

- Driving the AI hub **taskforce on GPT** for Schneider Electric
- Contributor (Bug-fix) to Microsoft Bot framework **original source code** on GitHub.
- Won **50K USD Seed Funding** for my Idea at Decarbonization Design Challenge in Shell Energy Summit
- **Plug & Play Chatbot** showcased at **Microsoft Ignite conference**.
- **IOT Innovation** displayed in Avanade Innovation Center (Barcelona)



## Brief Work Summary

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2022-02 – 2023-06

### Senior Principal Technologist – Conversational AI

*Schneider Electric, Bengaluru, India*

- Design the high-level design (HLD) architecture for Chatbots and drive the evaluation of advanced LLM technologies like GPT/ChatGPT and developed integration guidelines for the enterprise.
- Technical leader of the AI hub task force on **GPT**, to develop following **use cases and architecture**:
  - i. **Langchain + Embedding + Semantic Search GPT 3.5:**
    - Enterprise ChatGPT (Chatbot)
  - ii. **Embedding + Finetuning GPT 3.5**
    - Customer support ticket summary and recommendation
  - iii. **Finetuning GPT 3.5**
    - Intelligent Product description generation for SE products
  - iv. **Embedding + Clustering:**
    - Sentiment Analysis and topic classification
  - v. **Code generation**
- Work directly with VP AI Solutions in establishing AI software engineering best practices, architecture guidelines, security, and governance.
- Demonstrate what great product-focused engineering looks like and work with colleagues in product, design, and data functions to build great products for consumers.
- Foster an engineering culture of curiosity and excellence within the team, striving towards continuous improvement.

2018-01 - 2022-02

### Platform Lead Engineer - Chatbot

*Shell, Bengaluru, India*

- Technical lead of chatbot platform and development team to launch virtual assistants on time, with 2.5 million USD budget (for live bots) and transitioned in support model.
- Handled responsibility as SPOC for all technical activities and collaborated cross-functionally with stakeholders from cross-geo locations to troubleshooting design flaws and system bottlenecks, recommend changes on system design concepts to improve efficiency.
- Responsible for Engineering excellence, expert in Cloud Native - Azure cloud platform applications, Cognitive solutions, and Power Platform.

- Design Architecture, HLD & LLD for the program. Advised customers and other project stakeholders on relevant technical concerns and feasible solutions.
- Contributed to the enterprise chatbot strategy working closely with VP strategy & Planning.

**2016-01 - 2018-01**

## **Senior Consultant**

*Accenture, Bengaluru, India*

- Development of the Curious Bot (Chatbot) initiative, a central reusable framework for developing chatbots, displayed in Microsoft Ignite conference.
- Technical Mentor for resources from Team Leads to Junior Software Engineers and mapped out project deliverables.
- Business development: Delivered high level of service to Avanade ASG clients to both maintain and extend relationship for future business opportunities.
- Assessed job applications and made hiring recommendations to bring in top candidates for key vacancies.

**2015-12 - 2017-09**

## **Solution Architect**

*Accenture, Bengaluru, India*

- Requirement Gathering, Estimation, Development Team Lead, Managed project scope, schedule, status, and documentation (HLD and LLD):
  - Salesforce - SharePoint Online integration for German Client
  - Internet of Things Innovation Project - Sensor driven Room Booking.
  - SharePoint Site Provisioning App
- Communicated with partners and clients to update product and implementation status at technical or functional level.

**2014-01 - 2015-12**

## **Software Consultant**

*Avanade, Frankfurt, Germany*

- Perform Business development activities, performing workshops & POC's.
- Office 365 Tube, internal video sharing platform based on SharePoint.
- Created and oversaw SharePoint web-based training programs for SharePoint Site Owners.
- Consulted and delivered, Installation of External Environment over SharePoint 2013, the SharePoint Migration Project for Henkel as named reference project.

2007-12 - 2014-01

## Senior Software Engineer

Accenture, Chennai/London/Helsinki, India/UK/Finland

- Application Owner Micro blogging environment having 90000 users over SharePoint.
- Developed Scheduled File Transfer Application between FTP, Network Drives and SharePoint Seamlessly for UK based Banking and insurance company.
- Transitioned reporting tools into Single Page application using KnockoutJS.
- Setup of SharePoint over Multi Farm Architecture with Multiple WFE' and Applications Server over SharePoint catering to 90000 users over SharePoint.
- Led delivery of leading mobile manufactures website company.



## Education

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2023-02 –

### PG Programme in Machine Learning & AI

IIIT Bangalore

2022-06 – 2022-09

### Oxford Executive Leadership Programme

Saïd Business School, University of Oxford

100% Grade

2020-09 – 2021-09

### PG Program Management: Business Administration & Management

Institute of Management Technology (IMT) - Ghaziabad

Business Growth Strategies, Marketing Strategies, Leadership

2007-03 - 2009-07

### Masters in Computer Applications: Computer & Information Sciences

Tamilnadu Open University - India

2004-03 - 2007-04

### Bachelors of Science: Computer Science

Bharathiyar University - India

- Best Outgoing Student 2007



## Certifications

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2019-08

Microsoft Azure Architect Expert

2020-11

Professional Scrum Master I (PSM I)

2020-12

MIT 22.811 Sustainable Energy



## Technical Skills

Azure Open AI, GPT, Conversational AI, Langchain, Sematic Kernel	■ ■ ■ ■ ■
Microsoft Bot Framework, AWS Lex, Azure Cloud Design and Architecture	■ ■ ■ ■ ■
Azure Cognitive Services: <i>Bot service, Cognitive Services - Language Understanding, QNA Maker, Text Analytics, Translation Services, Image recognition, Computer Vision...</i>	■ ■ ■ ■ ■
Azure PaaS: <i>Logic Apps, Web Apps, Web Jobs, Functions, Table, Blob, Cosmos DB, Azure AD)</i>	■ ■ ■ ■ ■
Office 365: <i>SharePoint, PowerApps, Power Automate, Power BI, Power Virtual Assistants, Microsoft Teams, Microsoft Graph</i>	■ ■ ■ ■ ■
Python, .NET Core, ASP .NET, C#, REST, Graph	■ ■ ■ ■ ■
Git, YAML, Azure ARM, Automated CI CD Pipelines	■ ■ ■ ■ ■
Modern Web Development (HTML5, React, KnockoutJS.)	■ ■ ■ ■ ■
Azure IOT and Data Engineering <i>IOT Hub, Event Hub, Window 10 IoT Core, Raspberry PI, Arduino, Data Factory</i>	■ ■ ■ ■ ■
C, R Programming	■ ■ ■ ■ ■



## Languages

English	■ ■ ■ ■ ■
Tamil	■ ■ ■ ■ ■
Hindi	■ ■ ■ ■ ■
German (A2 certified)	■ ■ ■ ■ ■