

PROFESSIONAL SUMMARY

Dedicated **Guidewire Developer** with **4.5 years of experience**, specializing in **Guidewire PolicyCenter**, including **PolicyCenter Rating**, and **Guidewire 9.04** for Configuration, Implementation, and Development. Proficient in the **Financial Services** and **Insurance domain**, delivering robust and scalable solutions to enhance functionality and streamline operations.

- Extensive experience in **PolicyCenter configuration**, including developing and maintaining **PCF screens**, validations, rule sets, and business logic to enhance system capabilities and user experience.
- Expertise in **Guidewire PolicyCenter Rating**, with a track record of configuring **rate books, rate routines, and rate tables** to support accurate and efficient policy rating across multiple states.
- Proficient in **Blue Prism RPA**, automating workflows for the **Data Hub team**, eliminating manual tasks, and optimizing operational efficiency.
- Skilled in work distribution, team collaboration, and mentoring team members to define and implement effective technical solutions.
- Recognized for exceptional communication, adaptability, and a passion for learning and integrating new technologies into existing systems.
- Experienced in managing multiple projects simultaneously in fast-paced environments, consistently delivering high-quality results on time and within scope.

SKILLS

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|--------------------|---------------------------|------------------------------|
| • PYTHON | • Guidewire Policy Center | • Guidewire PC Configuration |
| • MACHINE LEARNING | • Guidewire PC Rating | • Gosu |
| • DEEP LEARNING | • HTML/CSS | • SQL |
| • OPENCV | • JAVASCRIPT | • JAVA |
| • React | • Data Structures | • Blueprism |

WORK EXPERIENCE

Senior Software Engineer | Ernst & Young | Kolkata

(28/04/2025 - Present)

Responsibilities and Achievements:

- Continuing ownership of **Guidewire PolicyCenter** configuration/rating and production support with increased responsibility for issue triage and resolution
- Leading enhancements to PCF screens, validations, and rule sets to improve usability and system performance
- Supporting rating configurations and state rollout activities as part of the ongoing implementation roadmap
- Performing data fixes and analysis to ensure system accuracy across policy transactions
- Collaborating with cross-functional and onshore teams to plan deliverables and ensure alignment with compliance requirements

Associate Consultant | Capgemini | Kolkata

(7/10/2021 - 27/04/2025)

Responsibilities and Achievements:

- Successfully managed incidents on Guidewire Policy Center, ensuring prompt resolution and minimizing disruptions to business operations.
- Developed and maintained **PCF screens**, configured **validations**, and implemented **rule sets** to enhance the functionality and usability of the Policy Center application.
- Played a pivotal role in extending the Policy Center project to cover **four new states** by creating **rate books, rate routines, and rate tables** while ensuring compliance with state-specific regulations.
- Designed and implemented core business logic in both Policy Center **configuration** and **rating** to support seamless system operations and accurate premium calculations.
- Performed critical data fixes, demonstrating strong attention to detail and analytical problem-solving skills to maintain data accuracy and integrity within the system.
- Spearheaded a subsidiary initiative to automate Data Hub processes, leveraging **Blue Prism RPA technology**, resulting in a notable increase in task efficiency and a significant reduction in manual errors.

- Actively participated in team meetings, sharing insights, best practices, and contributing to the overall knowledge-sharing environment.
- Demonstrated strong **problem-solving** abilities and a proactive approach to tackling challenges, earning recognition for consistently delivering high-quality results.

ACHIEVEMENTS

- **Achiever Extraordinaire Award – EY (2025)**
Recognized for exceptional dedication, delivery excellence, and consistent high performance across project responsibilities.
- **Capgemini Certified Policy Center Developer Level 1.**
- **Awarded Industry Level P&C Insurance Developer.**
- **Ranked 3rd in Industry Domain Training (Capgemini).**

CERTIFICATIONS

- **AWS Cloud Practitioner** | Individual Project 12/2022
Obtained the AWS Certified Cloud Practitioner certification, demonstrating a solid understanding of cloud computing concepts, AWS services, and foundational architectural principles.

AI & Machine Learning Projects (Independent)

Virtual Assistant Jarvis | Individual Project - 08/24/2024 - Present

- Fine-tuned an open-source Large Language Model using custom, domain-specific data to generate context-aware and function-driven responses
- Designed a near real-time conversational pipeline combining LLM inference, intent classification, and action execution
- Trained a speech model to enable natural, human-like voice interaction for hands-free control and continuous dialogue
- Implemented secure automation for sending emails, messages, scheduling reminders, and managing daily tasks
- Integrated speech-to-text, text-to-speech, and system-level automation to build a functional personal assistant similar to Jarvis
- **Currently implementing speaker recognition-based authentication** to verify the authorized user before executing personal or sensitive actions
- **Building an MCP (Modular Command Processing) pipeline** to enable faster feature integration, improved scalability, and low-latency task execution across assistant modules
- Built using fully open-source frameworks, ensuring privacy-preserving and on-device execution

Tech: Python, Fine-tuned LLM (open-source), Speech Synthesis Models, STT/TTS, Speaker Recognition (in progress), Automation Scripts, Selenium

MACHINE LEARNING & DEEP LEARNING | Individual Project

Amazon Product review Analysis — Developed a deep-learning-based web application using **Django** to analyze sentiment from Amazon product reviews

- Built a sentiment-analysis web application using **Django** to analyze Amazon product reviews
- Processed and cleaned a dataset of **399,995 reviews**, converting text into corpus and numerical features using **TF-IDF**
- Trained and evaluated a deep-learning text-classification model to determine overall product sentiment
- Enabled users to input a product review page URL and view aggregated sentiment insights

Tech: Python, Django, Deep Learning (text classification), TF-IDF, NLP, Data Cleaning

Student Attendance Management System Using Face Recognition —

- Developed an automated attendance system using face recognition to detect and log entry/exit times in real-time
- Performed image preprocessing and face extraction to improve recognition accuracy
- Achieved ~99% detection accuracy under controlled conditions using OpenCV and a pre-trained face-recognition model
- Automated attendance recording and data storage for seamless tracking without manual input

Tech: Python, OpenCV, Face Recognition Library, Image Processing

EDUCATION

Graduated July 2021 (BTech: CSE) Calcutta Institute Of Engineering And Management CGPA 8.24/10