Pradeep Yenkuwale
Senior Software Engineer

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 My Portfolio

PROFESSIONAL SUMMARY

- Senior Software Engineer, with 7 years of professional expertise in delivering impactful solutions and driving innovation in the software development landscape.
- Strong background in building and delivering, delivery management, global voice services, and legislation management systems.
- Implemented and Automated Voice services, minimizing the manual processing time from 3-4 days to just 1 hour, leading to significant cost savings.
- Played a key role in facilitating the migration process and Automation for over 60 countries to AT&T Direct call provisioning (DCP).
- Designed and developed an AI model utilizing ChatGPT (GPT-3.5-turbo model), introduced a module for user-driven data training, and smoothly integrated it into a Python-based chatbot using the Flask framework.
- Proficient in code review, deployment, and ensuring adherence to coding standards. My expertise lies in developing reusable code and microservices, contributing to establishing a sustainable and scalable system.
- Mainly focusing on technologies such as JavaScript, TypeScript, Node.js, NestJs, Angular, React, and Python, with a background in utilizing IBM Cloud and AWS cloud services.
- Actively engaged with clients in various capacities, including participation in requirements gathering, in-depth analysis, and system design.
- Committed to enhancing work value and fostering a productive work environment, I prioritize building positive and collaborative relationships with both peers and clients.

PROFESSIONAL EXPERIENCE

Senior Software Engineer – Full stack, **Almatar Software Solution Pvt Ltd - Mar 2024 – Present**
- Crafting comprehensive solutions for system integration and architecture.
- Provided an architectural AI-based solution to the customer data, such as how it can be integrated with the AI model like ChatGPT to train available customer data, encompassing various facets like customer feedback, search history, travel history, and shopping carts.
- I developed a proof of concept (PoC) application to showcase the integration of the ChatGPT model using Python.
- Developed a recommendation engine that integrates multiple services, including a rule engine, which interacts with the recommendation engine to process input data, generate suggestions based on configured data, and send the results back to the B2C application.
- Facilitating in-depth discussions and analysis to refine requirements and provide the solution.
- Seamlessly integrating various domestic and international airlines into the Almatar platform.
- Involved in technical discussions and feature development, engaging in cross-team leadership activities
- Developing RESTful APIs, launching backend features, and collaborating with another team for Services integrations.

Senior Software developer – Full stack, **IBM India Pvt Ltd - June 2022 – Feb 2024**
- Architected and led junior engineers in developing Node.js Microservices.
- Collaborate with the team to delegate tasks, separate modules, and provide technical guidance and support to enhance the team's understanding of logical concepts.
- Developing microservices and REST APIs, integrating them into applications, and automating global voice services through API integrations across multiple systems.
- Deploy applications and ensure security compliance in the cloud.
- Built microservices from scratch, and independently worked in building reusable microservices by enabling API Authentications.

- o Conduct code reviews, provide coding standard recommendations, and resolve vulnerabilities.
- o Keep application containers up to date following organizational security guidelines.

Software Engineer - Full stack, **Irisidea Tech Solutions Pvt Ltd – Feb 2021 – May 2022.**
- o As per the client's requirements created design documents and workflow diagrams.
- o Implemented Integration with External Delivery Platforms (Doordash, Ubereats/Postmates) to Enhance Automation in our Delivery Services.
- o Independently migrated third API Integration (delivery partners) into an NPM package and integrated with 2 microservices.
- o Independently transitioned cronjobs from a microservice to operate independently as a dedicated cronjob service to reduce the load on the existing microservice.
- o Developed Microservices entirely from the ground up for a PoS integration, utilizing the Jest and Cypress testing frameworks.
- o Engaged in redeveloping an application, transitioning it from AngularJS to Angular 8.

Project Engineer, **Solize India Technologies Pvt ltd – Sep 2017 – Jan 2021.**
- o Interacted with clients to understand their requirements.
- o Improved the performance and efficiency of the tool by optimizing the code base.
- o Created desktop-based applications for Data processing using Python, Tkinter, NumPy, and dictionaries.
- o Performed end-to-end testing and released tools for consumer usage.
- o Worked on Restful APIs using Node.js, and Integrating them into the UI using Angular.
- o Implemented shell and batch scripts to automate the backup of a database on a CentOS Linux system and facilitate the automatic transfer of database files from Linux to Windows, all managed through Task Scheduler.

Software Developer - Intern, **Solize India Technologies Pvt ltd – Jan 2017 – Aug 2017**
- o Developed applications and administered database systems.
- o Collaborated closely with internal stakeholders to elicit user requirements.
- o Tested and deployed applications to the production environment.

EDUCATION

Masters in Computer Applications (MCA) - 7.5/10 - Aug 2014 – Aug 2017.
Bachelors in Science (B.sc) – 7/10 - June 2012 – June 2014.

TECHNICAL SKILLS

- o Programming Languages and Frameworks: JavaScript, Python, Angular 11+, Node.js, NestJS, Express.js, Hapi.js, Flask, and FastAPI
- o Architectural Patterns and Concepts: MVC, REST APIs, GraphQL, Microservices and System Design
- o Databases:
  - o SQL Databases: MySQL, SQL Server, and IBM DB2
  - o NoSQL Databases: MongoDB and IBM Cloudant.
- o Package Management: NPM Package development.
- o Messaging and Event Streaming Platforms: RabitMQ and Kafka.
- o Development Roles and Practices: Software Development, Full Stack Development, Backend development, Technical documentation, and Architectural Solutions.
- o IDEs: VS Code, PyCharm, Spring Tool Suite.
- o API Testing Tools: Postman, Soup UI, Version Control Tool: Git, and Project Management Tool: JIRA.
- o Generative AI: OpenAI (ChatGPT), Gemini, WatsonX.

- o   Cloud Technologies: AWS, IBM Cloud.
- o   Operating Systems: Windows, Linux, and MAC.

SOFT SKILLS

- o   Fluent communication, critical observations, focus, time management, team management, self and dynamic learning, analytical thinking, leadership quality, and problem-solving ability.
- o   Languages: English, Hindi, Kannada, and Marathi.

AWARDS

- o   Recognized with the Client and Partner Success Award - 2022 at IBM Pvt. Ltd. and a $500 reward.
- o   Received Performance award for Individual contribution - 2022.