ALEXANDER L

Software Engineer | Full Stack Engineer | Javascript Developer

+91 7867060105 | antonyofficiall4@gmail.com | Chennai, India | LinkedIn | GitHub

Professional Summary

Full Stack Developer with 3+ years of experience building scalable web applications using the react js and node js and AI tools. Skilled in real-time communication, data visualization with Chart.js, and cloud platforms like AWS and Azure. Experienced in integrating AI models (OpenAI, Google Vertex AI) and delivering high-performance solutions in agile teams. Focused on solving complex problems with innovative and scalable approaches.

Skills

Frontend:
React.js, Redux toolkit, Next.js, JavaScript, HTML/CSS, Tailwind CSS,Chat js, Jquery, Typescript,Shadcn Ul,React flow,

Backend:
 Node.js,express,ASP.Net MVC, Python, SQL,MongoDB, Google DailogFlow CX,JWT,AZURE SSO,Web Socket, PostgreSQL,Sequalize ORM,

Tools & Technologies:
Git, Visual Studio Code, Azure DevOps, Postman, Large Language Models (LLMs), Agentic AI.

Other Skills:
MS Office, Server Management, Microsoft Azure, Amzon AWS,Figma, Prompt Engineering, System Designing.

Education

MCA – Master of Computer Application
Sacred Heart College
2019 to 2021

B.sc in COMPUTER SCIENCE
Shanmuga Arts and Science College
2016 to 2019

Language

- English
- Tamil

Certifications

- Aws solution architecture
- System design
- Aws devops
- Serverless architecture

Experience

Software Engineer Platform Solutions DES
Sutherland Global
Sep-2022 to Present

PROJECT:
JOE Sutherland Enterprise Chatbot application
SUMMERY:
- Improved a real-time chat handling system using React.js, Node.js, and WebSocket with features like PDF upload, rating management, mechanized question generation, and AI-driven chat enhancement through Python and MSSQL.
- Built a dynamic content and user management dashboard, enabling role-based access, file synchronization, real-time upload monitoring, and activity tracking for improved performance and engagement.
- Integrated PDF content extraction and AI processing allowing users to upload documents and automatically generate context-based questions to improve chatbot interactions.
- Deployed the application on Microsoft Azure ensuring scalability, high availability, and optimized performance for handling real-time communication and large file uploads.

PROJECT:
Aiden Sutherland candidate training Application
SUMMERY:
- enhanced a Trainee Management Tool integrating ChatGPT API, Vertex AI, and WebSocket to enable real-time candidate training via chatbots, with self-operating scoring, grammar validation, and performance tracking.Candidate Data Evaluation result validate with openai model
- Built a full-featured admin dashboard using ASP.NET MVC, jQuery, Chart.js, and SQL Server to monitor training progress, manage users efficiently, and automate chatbot creation and deployment with Vertex AI
- executed a CI/CD pipeline using Azure Repos and IIS for seamless and auto operated deployment, improving development workflow and release efficiency.
- Built an AI-powered Voice Bot System with real-time voice-to-text conversion, automated performance evaluation, and dynamic bot creation to enhance trainee learning through interactive voice communication

PROJECT:
Document management system
SUMMERY:
- Built a full-stack document management system with secure user authentication using JWT tokens
- Enabled users to create custom "cabinets" and upload files specific to each cabinet improved role-based access control (RBAC) to assign roles to authenticated users and manage their portal access.
- Designed and integrated a visual mail flow configuration system using React Flow and BullMQ for queue and workflow management. Used Sequelize ORM for efficient interaction with PostgreSQL database.

Junior Software Engineer
Trudico private Limited
Jun-2021 to Aug-2022

PROJECT:
Digistant meeting scheduling management
JOB SUMMERY:
- Developed a Meeting Scheduling and Email Campaign System with secure organization onboarding, account management, and team coordination features to streamline communication workflows.
- Built a responsive user interface using HTML,CSS,JavaScript, and Bootstrap, and integrated form validation to ensure accurate reliable user input across the platform
- Applied backend APIs with Node.js and Express.js, and managed data using MongoDB to support meeting scheduling, campaign creation, and email delivery functionalities