

Professional Summary:

- Experienced **Conversational AI & Backend API** Developer with **2.4 years of Professional experience** in problem-solving, designing and developing enterprise applications with an excellent leadership record. Predominant expertise in **NodeJS** and **Azure cloud** services.
- Directed a project optimization team, utilizing expertise in diverse programming languages and frameworks, with speed and accuracy.
- Eager to contribute as a **SDE, Backend Developer, or DevOps** Engineer, with a strong leadership background.

SKILLS:

- Technical Skills:** Rest-API, Azure Cloud, Docker, Kubernetes, IBM Cloud, DevOps, JIRA, GIT, GITHUB, MySQL, OOPS, PostgreSQL, IoT
- Management Skills:** ITIL/ITSM, ServiceNow, Project Management, Client Negotiation, L-Shift Management
- Programming Languages:** Node.js, Java, C, C++, HTML, CSS

EXPERIENCE:

Systems Engineer: Jul 2021 - Present

Tata Consultancy Services

- Managed Intelligent Automations API team (Chatbots & RPA API Services) as the **Offshore Technical Lead** for a UK based Consumer Healthcare MNC.
- Developed a high value **chatbot** enabling **2FTE savings** and monthly cost reductions by nearly **£15,000** for the client organization.
- Optimized cloud resource plans, including changes to **IBM Watson** instances and **Azure resource plans**, resulting in a cost savings of **£2,500 per month** for the client.
- Designed CI/CD pipelines for containerization using **Docker** in **Azure Container Registry**, facilitating seamless deployment of images to **Azure Kubernetes Service (AKS)** or **Azure WebApp**, resulting in reduction of manual efforts roughly by **15-20 hours per month**.
- Coordinated as a pivotal **communication bridge between Client and Vendor management team**.
- Helped client with **Kong to APIGEE API Gateway** Migration as a part of Enterprise level activity.
- Demonstrated extensive Development Experience in **Azure Cloud**, effectively utilizing a wide range of Azure resources and services.
- Optimized SQL database usage through **query optimization** (Indexing & restructuring Joins) thereby enhancing system performance.
- Developed and utilized **DevOps toolchains** in **Azure and IBM Cloud** environments to enhance operational efficiency.
- Led the team to **design, estimate, develop, document, & test innovative & scalable systems** aimed at driving business value.
- Transformed and deployed novel product features aimed at fortifying security through **OAuth & SSO Login** within an agile framework.
- Built advanced Chatbots/Voicebots utilizing **IBM Watson Assistant** with **Node.js** as the robust backend service.
- Participated in **code reviews, offering debugging guidance** and addressing concerns regarding APIs utilized in **RPA services**.
- Conducted comprehensive **software testing** to ensure optimal functionality & scalability, emphasizing a commitment to delivering high-quality & reliable software engineering solutions.
- Developed and conducted a thorough **software testing** process to verify the effective performance of an HR & Finance-oriented Chatbot designed for retrieving employee information from Workday and generating ServiceNow tickets in the event of any discrepancies.
- Integrated Chatbots using various frontend platforms Like Facebook Messenger, Telegram, WhatsApp

Sep 2020 - Dec 2020

IOT Developer Intern:

CSKA Automation Services

- Developed a Home Automation Systems with 100% Success rate.
- Implemented Internet based Remote Delivery System using Robots with 100% Success Rate.
- Created a Dynamic Interactive System for a Humanoid.

Achievements & Accomplishments:

- Honored with the **OnTheSpot Award, Applause Award, Star Team Award, Elevate Wings Award & Xcelerate Warrior Awards** for dedicated service to TCS.
- Awarded as **National Winner** of **‘Smart India Hackathon 2020’** Hardware Edition (Dept. of Scientific & Industrial Research) by MHRD.
- Excelled as **National Finalist** in **‘L&T Techgium 2019-20.’**
- Recognized as an **‘Emerging Innovator’** by KPIT Technologies at **‘KPIT Sparkle 2020’**.

PROJECTS:

File Sharing App:

- Developed file sharing with **Node.js Express** as backend, enabling upload, download, and static authentication.
- Structured secure file uploads using Multer.

Plug & Play Live Transcription Spectacles:

- Developed a live transcription spectacle using Python's libraries like speech recognition & pyttsx3.
- Implemented voice activation with trigger phrases like "Hello Glass" and "Exit" to control when the app is active or in sleep mode.
- Used Raspberry Pi as a local server and integrated a transparent OLED display with Bluetooth connectivity, seamlessly integratedto a spectacle for real-time transcription with 98% Accuracy.

Certifications & Trainings:

- Upscaling expertise in **Data Structures, Algorithms, Competitive coding and Software Development** at Scaler Academy.
- Completed Certification courses about Building **Chatbots** using **IBM Watson, Google Dialogflow & Azure** (Linkedin Learning & Cognitive Class)
- Certification courses such as **Arduino Platform & C Programming, Python Programming in Raspberry pi and IoT and Embedded Systems** by University of California, Irvine (Through Coursera)

Education:

Veer Surendra Sai University of Technology, Burla

B. Tech (Electrical & Electronics) Year:2021 CGPA: 7.95

ODM International School, Bhubaneswar

Class: XII (Non-Medical) Year:2017 Percentage: 89.8

DAV Model School, IIT Kharagpur

Class: X Year:2015 Percentage: 93.1