

Krishna Murthy Kowsik Gelli

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PROFESSIONAL SUMMARY

- Full Stack Developer with 2+ years of experience in delivering production-grade web applications.
- Proficient in utilizing technologies such as **React, Angular, Node.js, JavaScript, TypeScript, Python, Java, Spring Boot**, and **REST APIs**.
- Demonstrated expertise in **NoSQL** and **SQL** databases, as well as **AWS Cloud**.
- Experience in all phases of the Software Development Life Cycle (SDLC).
- Expert in designing both client-side and server-side applications.
- Excellent verbal and written communication skills.

TECHNICAL SKILLS

Programming Languages: - **JavaScript, Python, Java, NodeJS, Typescript, Html, CSS, Bootstrap**,

Tech Stacks: - **React, Angular, Spring Boot, Express.js, FastApi, Serverless Framework**.

Aws Services: - **Lambda, S3, SNS, EC2, VPC, CloudFormation, AWS Sage Maker, OpenSearch** etc.

Databases: - **MongoDB, SQL, DynamoDB**.

Other: - **AWS Cloud, Git, Bitbucket, Gitlab, Agile (Scrum, Kanban), CI/CD, Web Security Principles**.

PROFESSIONAL EXPERIENCE

Presidio Solutions PVT LTD

JUNE 2021 – Present

Full Stack Developer (Insight) – Presidio

- Pioneered a comprehensive web application at Presidio utilizing the **Serverless framework** with **AWS Lambda** and **TypeScript** for the backend.
- Leveraged **Angular** for the front end, ensuring a seamless and intuitive user interface.
- Leveraged **AWS DynamoDB** for employee data storage. Implemented data pipeline from DynamoDB to **AWS OpenSearch** using **AWS Kinesis firehose** and DynamoDB Event Triggers.
- Experienced in crafting unit test cases using the Mocha and Chai frameworks, enhancing code quality and software reliability.
- Improved employee searching functionality using **AWS OpenSearch (Elasticsearch)**.
- Deployed services using **AWS CloudFormation templates**, ensuring consistent and automated infrastructure provisioning.

Full Stack Developer (Irish Meteorological Service) - Met Eireann

- Developed a production-ready weather data portal from scratch using **ReactJS** with **TypeScript** and **Spring Boot** enabling users to seamlessly access and download Ireland's weather data.
- Optimized data loading and rendering process using **React Context API** and **React Hook Form**.
- Achieved significant API response time optimization through **Redis** caching.
- Enhanced data processing efficiency using **Celery** background tasks in **Python**.
- Experienced in Agile methodologies, utilizing Jira and Confluence to drive efficient project outcomes.

Research and Development (Large Language Models) - Presidio

- Researched and Documented state-of-art large language models (Gpt-3.5, Llama, Palm, Alexa Tm).
- Developed a chatbot in **AWS Chime** meeting, that answers user questions using live transcripts.
- Enhanced the chatbot intelligence using OpenAI's GPT-3.5 and **Prompt Engineering**.
- Developed an Analytics Chatbot for Excel sheets, enabling users to generate graphical pie and bar charts in response to their queries.

EDUCATION AND PROFESSIONAL QUALIFICATION

Bachelor of Technology in Information Technology (JNTUH College Of Engineering Jagtial)	2017-2021
Board of Intermediate Education in MPC (Sri Chaitanya Junior College)	2015-2017
Secondary School certificate (Chinmaya Hari Hara Vidyalaya)	2014-2015

TRAINING CERTIFICATES

Udemy: - React Developer, Full Stack web developer	2020-2021
Course Era: - Python for Everybody	2022
Udacity: - Blockchain Developer Nanodegree	2022

HOBBIES AND INTERESTS

- Playing Basketball, Listening to Music, Travelling and Exploring New Places and Cultures, Reading Financial Books and Watching Anime.
- Volunteering for social causes
- Participating in community events and networking.
- Outdoor activities like hiking, biking, and running.
- Giving presentations and talks on diverse topics to share my knowledge and insights.

AWARDS AND ACHIEVEMENTS

- Received the “Above and Beyond” award for exceptional performance and contributions to project success.
- Rapidly promoted to **Senior Engineer** within two years, recognizing exceptional performance and valuable contributions to the organization.
- Achieved second place in a presentation competition during the national institute of technology fest in my freshman year of graduation.
- Advanced to the final round in the Smart India Hackathon.
- Attained a spot in the top 10 teams in World Blockchain Hackathon (WBH).