## CONTACT

📞 +91 9573838881

✉ 47sudeep@gmail.com

📍 Mysore, Karnataka, India

## EDUCATION

**Bachelor of Technology**

**Gitam University** 2012 – 2016

## SKILLS

**Languages & Frameworks**
* JavaScript
* TypeScript
* Node.js
* Express.js
* Fastify
* Graphql

**Database Layer**
* PostgreSQL
* MySQL
* BigQuery
* MongoDB
* DynamoDB
* Firestore

**Caching Layer**
* Redis
* MemCached

**Cloud Providers**
* AWS
* GCP
* Azure

**DevOps**
* Docker
* Nginx
* kubernetes

**Others**
* HTML
* CSS
* Git
* GitHub
* Bitbucket
* JIRA

# SUDEEP CHANDRA DUKKIPATI
## SOFTWARE ENGINGEER
28, Male

## PROFESSIONAL SUMMARY

Experienced Node.js backend developer with 4+ years of proven expertise in designing, developing, and optimiZing robust server-side applications. Proficient in creating scalable APIs, integrating databases, and ensuring seamless functionality. Strong problem-solving skills and a collaborative mindset, consistently delivering high-quality code to meet project goals. Adept at staying current with industry trends and technologies to drive innovation within the development process.

## WORK EXPERIENCE

*Lead Backend Engineer - **LEAP360** - JULY 2021 to Current*

* Spearheaded the development of the Campaign Module, implementing custom logic to handle campaign-related functionalities(Email, Sms, Voice and Social), developed in a way that it can scale to send campaigns to 1 mil+ contacts using GCP and AWS (Lambda, RDS, and SQS ).
* Managed the Billing Module, taking charge of billing-related processes and analysis of client monthly spending and providing recommendations and alerts, resulting in streamlined and efficient billing operations (Lambda, SNS and S3).
* Contributed significantly to the Booking Module, architecting a set of APIs that enabled users to book combinations of locations, staff, and services. This included features like availability retrieval based on date and time zone, and dynamic configuration creation (EC2, DynamoDB, ElastiCache).
* Successfully integrated various payment processing APIs, such as AuthorizeDotNet, Maverick, and Verifone, into the PaymentProcessor Module, resulting in seamless and secure payment transactions (EC2, RDS and GCP pub/sub).
* Drove the development of the Shipping Module, providing E-commerce orders with shipping functionality through FedEx, UPS, and USPS. Additionally, I implemented custom logic to generate shipping label PDF documents, streamlining the shipping process (Lambda, RDS, and SQS).
* Played a key role in the SocialMedia Module, facilitating the seamless linking of users' social media accounts, including Facebook, Instagram, Twitter, LinkedIn, and Google MyBusiness (EC2, DynamoDB, GCP Firestore).
* Implemented sentiment analysis based on user settings, allowing for personalized interactions. Developed custom logic for automatic replies based on sentiment analysis results and other operations (GCP natural language API, EC2).

*Backend Engineer - **Freelance** - JUNE 2019 to JUNE 2021*

* Architected/Developed Many Backend system for various small – mid companies from the ground up, designing and implementing highly scalable and efficient infrastructure using AWS/GCP.
* Implemented complex business logic to process customers' invoices from various Point of Sale (POS) software systems through webhook calls, ensuring smooth data integration and receipt delivery.
* Expertly integrated all WhatsApp Cloud and Business Management APIs, enabling streamlined message template creation, phone number setup, and the execution of various message sending functionalities.
* Proactively developed system-wide Integration Tests and Load tests to identify potential bottlenecks, ensuring the backend system can handle high volumes of requests and deliver a reliable service to merchants and customers alike.

## AWS SKILLS

* EC2
* ECR
* ECS
* Elastic Beanstalk
* Lambda
* Elastic Load Balancing
* CloudFront
* Kinesis
* Route 53
* S3
* RDS
* Aurora
* DynamoDB
* ElastiCache
* SQS
* SNS
* Step Functions
* Auto Scaling
* API Gateway
* SES
* IAM
* CouldWatch
* EC2 Systems Manager
* CloudFormation
* CloudTrail
* CodeCommit
* CodeBuild
* CodeDeploy
* CodePipeline
* X-Ray
* KMS

### _Backend Solutions Architect - **CIRCLONE** - (Voluntary - Weekends Only)_

* Voluntary work for an upcoming start-up that stands for a noble cause of protecting young adults from internet malpractices.
* During my tenure at Circlone, where the mission is to establish a morally conscious social media platform for young individuals, I have been focused on crafting the foundational architecture to uphold a safe and secure digital space for minors to engage. My responsibilities encompass a range of crucial tasks, such as developing a scalable login system, enabling real-time communication through web sockets, and implementing advanced content scanning mechanisms to promptly identify explicit material and ensure the protection of minors. In addition, I am actively involved in deploying parental control features.
* These endeavors are powered by a technology stack centered around Azure cloud and its array of services. The backend infrastructure is constructed using Node.js, while data is managed through a MongoDB database. To enhance performance, Redis caching has also been seamlessly integrated. My contributions play an integral role in fostering an environment that aligns with Circlone's mission and values, ultimately paving the way for a secure online platform tailored for young users.

## ABOUT

* I thrive on the process of learning and view it as a lifelong journey. This hobby motivates me to proactively seek out new programming languages, frameworks, tools, and technologies.
* I enjoy diving into online courses, attending webinars, reading tech blogs, and participating in coding challenges to expand my knowledge. By consistently exploring new software technologies, I strive for excellence in my craft. This hobby fuels a strong work ethic and a desire to provide the best possible solutions to the problems I encounter.