ANISH DUTTA

BACKEND DEVELOPER | SDE

in https://www.linkedin.com/in/anish-dutta/

github.com/anishdutta

anishdutta.tech

anish2000.ad@gmail.com

+91 8825358636

EDUCATION

B-TECH with specialization in Software Eng.
SRM IST | **2019-2022**
cgpa: 9.0

SKILLS

Node.js / C / C++ / Python
Rest / GraphQl API Development
MVC / Microservice and Serverless
AWS / Firebase / Azure SQL / Kubernetes
MySQL, PostgreSQL, MongoDB, Redis,
Elasticsearch / Git
Jest automation and integration testing
JavaScript / jQuery
WordPress Development

ACHIEVEMENTS

- Secured an honorable mention and 1000 dollars cash prize in AWS Graviton Hackathon.
- Secured 5th position in AWS Wavelength 5g computation Hackathon out of 1000+ participants and 1.8lacs cash prize.
- Secured incubation and funding from SRM Innovation and incubation centre.
- Lead a team to the finals of hackRX by bajaj.

CERTIFICATION

- **Google Cloud Foundation** | Issuer : Google
- **Cloud Computing Foundation** | Issuer: IIT Kharagpur
- **Flutter Bootcamp** | Issuer : Udemy
- **Complete Web Development** | Isssuer : Udemy
- **Javascript** | Issuer : Cambridge Certification Authority

WORK EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEER (SDE 1)

Bikayi (**YC & Sequoia**) | **Feb'22 - June'22** (**Intern**) | **July'22 - present** (**FTE**)

- Collaborated with cross-functional teams to establish a solid foundation for **core product functionality** utilizing facebook / whatsapp / instagram graph API's and webhooks, resulting in a successful launch with over **1 million visits** within the first month.
- Designed and executed a scalable system to facilitate the seamless migration of **Shopify** segments, encompassing a vast dataset of more than **10 million entries**, to our platform.
- Prioritised and resolve critical production issues within an **average of 30 minutes**, exceeding the company's **SLA of 1 hour**.
- Implemented **indexing** and **query optimization** resulting in a decrease of database response time by **70% within 2 weeks**.
- Implemented a queue state system with **PubSub** and **Elasticsearch Bulk APIs** to seamlessly pull and insert events into Elasticsearch which processed over **1 million events** daily with minimal resource utilisation and resulting **99.9% uptime** in peak hours.
- Implemented tracing and logging protocols using **Grafana, Prometheus, and Kibana** resulting in a **40% decrease** in time, spent identifying and resolving post-release issues.

FULL-STACK DEVELOPER

Potluck | **April 2021 - Dec 2021**

- Designed and developed a high-performance microservice backend for the *Potluck Go* platform, integrating comprehensive **OAuth** mechanisms and business logics.
- Achieved an **80% reduction** in data retrieval times for tasks and subtasks using **MongoDB aggregation** pipelines.
- Utilized MySQL as the **RDBMS** to store structured data, such as user profiles, event details, and user relationships.
- Successfully managed a critical school admission portal powered by **PHP and Node.js.** Diligently addressed bugs. Implemented responsive design and ensuring **cross-browser compatibility**.
- Written custom components using **velo** apis for **wix e-commerce**.

WEB DEVELOPER INTERN

Upjao LLP, IIT Kanpur | **Dec 2020 - April 2021**

- Led the transformation of **WordPress themes** through extensive customisation and integration of a **custom-built CMS** on top of WordPress. This strategic overhaul resulted **reduction of content management time** for administrators by **50%**. Link: *www.upjao.ai*
- Successfully spearheaded the implementation of **DevOps practices** for the product, resulting in improved collaboration, streamlined workflows, and accelerated software delivery

OPEN SOURCE PROJECTS

C19 WATCHER

OCT 2020 – NOV 2020

Developed a suite of **Machine Learning** and **Deep Learning models** capable of seamless integration with any camera module. seamlessly integrated into a high-performance **serverless application**.

SCAAPE

NOV 2021 – OCT 2021

A sophisticated ranking points system that **intelligently matched users** based on their **preferences and activities** leading to more meaningful **connections** and a location-based **bounding box algorithm**. This algorithm utilised **Google Maps API** to efficiently locate and present "**scaapes**" in proximity to the user's location.