

Aryan Amish

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PROFESSIONAL SUMMARY

Software Engineer with **1+ years** of experience designing **enterprise-scale** systems. Proficient in **Python, JavaScript, RDBMS**, secure software architecture, cloud-native applications (**AWS/GCP**), **CI/CD** pipelines, **Docker**, and scalable system design. Working knowledge of **Java**, and **C/C++**, with strong foundations in **Linux** and **networking**. Consistently delivers **efficient, secure**, and maintainable solutions in **fast-paced**, highly collaborative, dynamic, and innovative environments..

WORK EXPERIENCE

Member of Technical Staf

ZOHO Corporation

Feb 2024 – Present

Chennai, Tamilnadu - Onsite

- Led development of web publishing capabilities in **Zoho Show**, enabling over **200K** presentations to be converted into interactive websites within the **first 6 months** expanding audience reach by **65%** and driving user engagement growth.
- Accelerated application performance through strategic optimisations, eliminated **waterfall** loading and optimised JavaScript execution resulting in **40%** faster page loads and significantly improved overall user experience across devices.
- Resolved **60+** critical rendering bugs, including major conversion/rendering issues during PPT imports across platforms.
- Implemented **in-transit** encryption for Zoho Show and integrated it with **Zoho Directory**, enabling centralized key management for 30+ Zoho products. This secured over **1 million** documents, enhanced compliance with **GDPR** and **ISO/IEC 27001**, and mitigated potential data breaches by enforcing robust encryption policies and standards.

PROJECTS

Events@Sathyabama - Full Stack Event Management System

Repository | Website | Video

- Utilized Django, **MySQL** and **JWT** to develop a college-specific event management system for **17000+** students, **1000+** faculty, and administrators, enabling real-time tracking and streamlined event approvals and **automated notifications**.
- Streamlined event management by implementing **SEO-focused SSR**, resulting in **50%** faster load times, **70%** quicker event announcements, and **60%** more **efficient approval**. Increased event participation by **45%** across campuses.
- Incorporated approval mechanisms and single-click applications resulting in a **150%** surge in application volume quickly.
- Tech:** NextJS, ReactJS, TypeScript, Material UI, Tailwind CSS, REST APIs, JWT, Django, MySQL, RDBMS

CouponTouch - Full Stack Coupon Scratching System

Repository | Website | Video

- Designed and implemented a coupon-scratching system for Al-Bayan Newspaper, scaling to support **100k+** users. Utilised **GraphQL** with **MongoDB** to optimise data access and **query performance by 35%** to enhance user experience.
- Designed payment flow via **Network International**, achieving a **90%** increase in paid user subscriptions within months.
- Implemented **JWT** based user **authentication**, reducing login time by **40%**, optimising database queries by **60%**, and **containerised** the deployment on **Google Cloud Run** with **Cloud Storage**, achieving **99.9%** availability.
- Boosted campaign **ROI by 40%** through **data-driven insights**, and **targeted engagement strategies** with impact.
- Tech:** ReactJS, TypeScript, Tailwind CSS, GraphQL, JWT, NodeJS, MongoDB, Docker, Google Cloud

TECHNICAL SKILLS

- Programming Languages & DB:** Python, JavaScript, Java, C++, SQL, MySQL, MongoDB, Redis, Shell Script.
- Technology & Framework:** ReactJs, NextJs, Redux, TypeScript, Django, TailwindCSS, NodeJs, jQuery, GraphQL.
- DevOps:** Docker, Kubernetes, Linux Shell, Google Cloud, AWS, Vercel, Netlify, Github Actions, CDN, Caching.

EDUCATION

Sathyabama Institute of Science and Technology

Bachelor of Engineering - Computer Science

Chennai, Tamil Nadu

Sep 2020 – April 2024

ACHIEVEMENTS

- Events@Sathyabama**, our team's project, was awarded **seed funding** as a **top-ranked proposal** in the college
- Attained an **All India Rank of 2797** in the CodeVita **2023-2024** contest, highlighting strong competitive coding skills.
- Highest Rank of **1493** in **LeetCode weekly Contest 366**, with **500+** **problems** solved on LeetCode and GFG.