

# ARYAN AMISH

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## PROFESSIONAL SUMMARY

Software Engineer with **1+ years** designing enterprise-scale systems. Advanced expertise in **Python, JavaScript, RDBMS, secure software design**, cloud-native applications (**AWS/GCP**), **CI/CD pipelines, Docker** and **system architecture**. Working knowledge of **AI/ML, Java**, and **C/C++**, with strong foundations in **Linux, networking**, and **infrastructure orchestration**.

## WORK EXPERIENCE

### Zoho - Member of Technical Staff

Feb 2024 – Present

- **Feature Development:** Led development of web publishing capabilities that converted static presentations into interactive websites, expanding audience reach and improving content accessibility.
- **Performance Enhancement:** Accelerated application performance through strategic optimizations, resulting in **40% faster** page loads and improved user experience.
- **Bug Resolution:** Diagnosed and resolved **critical rendering bugs**, reinforcing application stability.
- **End-to-End Encryption:** Implemented **in-transit encryption** for Zoho Show, integrating it with Zoho Directory for centralized key management across all Zoho products. This enhanced **data security and compliance**, ensuring confidentiality and protection for enterprise customers handling sensitive presentations.
- **Tech:** JavaScript, JQuery, Servlet, Java, Redis, RDBMS

## PROJECTS

### Event Management - Seed Funded

Repository | Demo | Video

- Led a team of developers to create an optimized event management system with **Next.js** and **Django**.
- Implemented a streamlined approval process, **cutting approval time by 50%**, with a sophisticated user management system **with five distinct levels**, each assigned specific permissions and roles
- Maintained **consistent communication with management**, demonstrating a professional approach throughout the project.
- **Tech:** NextJS, ReactJS, TypeScript, Material UI, Tailwind CSS, REST APIs, JWT, Django, DjangoRestFramework, MySQL, RDBMS

### CouponTouch

- Developed CouponTouch, a **gamification platform for marketing campaigns**.
- Implemented a **QR-based system** for **Al Bayan**, a Dubai newspaper, enabling user engagement via **digital scratch coupons**.
- Designed a subscription and payment flow using **Network International** for user verification and access to rewards.
- Built an **admin panel** for **prize management, bias control**, winner tracking, and analytics.
- Deployed the app on **Amazon Web Services (AWS)** using **Docker** and **EC2**.
- Enhanced campaign effectiveness with data-driven insights and automated workflows.
- **Tech:** JavaScript, GraphQL, React, Node, AWS, Docker. MongoDB

## TECHNICAL SKILLS

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

## 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.