

Suhail Ahamed

Website | LinkedIn Profile
suhailahmed2001sam@gmail.com

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY
BTECH IN ELECTRONICS AND COMMUNICATION ENGINEERING
Graduated with First Class
Trichy, India

CENTRAL SCHOOL, DUBAI
PCM WITH CS (C++)
March 2020 | Dubai, UAE
Overall: 94%

LINKS

Github:// [SuhailAhmed2627](#)
LinkedIn:// [Suhail Ahmed](#)
Portfolio:// [suhailahmed.dev](#)
Medium: // [suhailahmed2001sam](#)

SKILLS

LANGUAGES

JavaScript • TypeScript • GoLang
Python • C • C++ • C# • Bash

FULL STACK

Phaser • Next.JS • React/Redux
Fastify • Jest • GraphQL • TailWindCSS
GIN • GorrillaSockets • GORM
Mongoose • Sequelize

AI/ML

Autogen • NumPy • TensorFlow
Matplotlib • SciPy

DATABASES

MySQL/PostgreSQL • MongoDB • Redis

TOOLS/SOFTWARE

GIT • Figma • Docker
Postman • AzureDevOps

EXTRA CURRICULARS

EVENT MANAGER AT FESTEMBER
Ideate and Conduct 70+
Events during Festember

SCIENCE CLUB SECRETARY
Manage Intra-school Quizzes
and Exhibitions

EXPERIENCE

MICROSOFT | SOFTWARE ENGINEER

July 2024 - Present | Hyderabad, India

- Contributed to multiple components of the service-side development for the **Project Manager Agent**, utilizing **AutoGen** and the **OpenAI API** to perform a variety of tasks.
- Developed foundational technologies, including Telemetry, Monitoring and Alerting, and service automation, using **C#** and **Geneva**
- Designed and implemented **synthetics** in **C#** to track service performance, configuring alerts to **raise incidents** when failure rates exceeded **dynamic thresholds**.
- Rapidly acquired proficiency in essential domains and delivered significant and meaningful impact in a short time frame.

MICROSOFT | SOFTWARE ENGINEER INTERN

May 2023 - July 2023 | Hyderabad, India

- Worked on **Visio Online**, A widely used and trusted solution for visual communication and collaboration with **1.2M DAU** and **10M MAU**
- Leveraged **TypeScript**, **React**, **Redux** and **Jest** to build and test various components for a feature in the vast client-side codebase, which is part of **1JS**
- Enhanced **client-side approximation** engine for optimal performance and functionality of the feature

DELTA FORCE | SOFTWARE DEVELOPER

Aug 2021 - May 2024 | Trichy, TN, India

- Software Developer for NIT Trichy's coding club and web team, developing web and app projects for college activities, festivals and admin.
- Designed, Developed, and Deployed production ready websites and applications accessed by **10,000+** of unique visitors every year.

PROJECTS

ARCADIA '23 | MULTIPLAYER BATTLE STRATEGY

Dec 2022 - March 2023

- Managed a team of 10 to **ideate, design, develop, and deploy** the game using **React**, **react-query**, **Phaser**, **GoLang**, **Gin**, and **MySQL**
- Worked on the client-side with **Phaser.js** in TypeScript to develop reliable and **scalable game logic** while maintaining **high-velocity code execution**
- On the server-side, I implemented **Redis** as a **caching mechanism** and a **real-time leader board** feature.
- The event had around **1,000+** registrations and had a prize pool of Rs.30K

FOTOS | A PHOTO SHARING PLATFORM WITH FACE RECOGNITION

- Built a robust and scalable method to multiple upload images from user to **AWS Bucket** via a **Golang Fiber** server using Go Routines.
- Using **AWS's Face Rekognition**, images were scanned, filtered and maintained in an extremely optimized way to fetch Image and it's details in the smallest time frame possible.

