

Suhail Ahmed

Website | LinkedIn Profile
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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY
BTech in Electronics and Communication Engineering
Expected 2024
Trichy, India

CENTRAL SCHOOL, DUBAI
PCM WITH CS(C++)
March 2020 | Dubai, UAE
Overall: 94% (A1)

LINKS

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

SKILLS

LANGUAGES

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

WEB DEVELOPMENT

HTML • CSS • React/Redux
NodeJS • Express • GraphQL
MaterialUI • GIN • GorrillaSockets
Mongoose • Sequelize

DATABASES

MongoDB • MySQL • Redis

TOOLS/SOFTWARE

GIT • Figma • Docker
Postman • Vite • WebPack
Photoshop • PremierePro

EXTRA CURRICULARS

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

SCIENCE CLUB SECRETARY
Manage Intra-school Quizzes and Exhibitions

EXPERIENCE

DELTA FORCE | SOFTWARE DEVELOPER

Aug 2021 - Present | Trichy, TN, India

- Software Developer in the **official coding club and web team** of NIT Trichy, which produces and maintains most of the web and app development for various activities, festivals and admin-related projects in the college.
- Designed, Developed and Deployed production ready websites and applications accessed by **10,000s** of unique visitors every year.

AAVEG | HEAD, WEB OPERATIONS

Jan 2022 - Present

- Head of the Web Operations team of Aaveg, the annual inter-hostel sports and cultural extravaganza of NIT, Trichy.
- Leading a team of 7 to develop and deploy websites and apps for 1,000+ freshers.

PROJECTS

PRAGYAN PREMIER LEAGUE | ONLINE FANTASY CRICKET LEAGUE

Nov 2021 - Apr 2022

- Designed and Developed intuitive UI with robust State Management while optimizing runtime and improving the existing UI using **React, Redux and MaterialUI**.
- Implemented, Tested and Deployed intensive live score feature using **Gorilla WebSocket** which was integrated into the **Gin framework** in the GoLang server for **100s of simultaneous** matches.
- Setup Routes and Controllers with Transaction locks for significant parts of the GoLang server to facilitate a safe, reliable and maintainable flow of data from the **MySQL** Database using the **GORM** orm.
- The event had around **1,000+** registrations and had a prize pool of Rs.20K

DELTA WINTER OF CODE | A GSoC-LIKE PROGRAM

Nov 2021 - Dec 2021

- Built a site which allow organizations to post projects and invite users to be mentors. It also allows users to apply for the projects as mentee.
- Worked extensively in the frontend of the site. Worked with React, **GraphQL** (Both Client and Server) and MaterialUI.

AAVEG QUESTIONNAIRE | WEBSITE TO SPLIT JUNIORS INTO SQUADS

- Built an Express server with an MongoDB database along with a **Redis** caching layer in NodeJS with **TypeScript** to facilitate the splitting of 1000+ of users into 5 different squads.
- Developed a theme based UI using **React-TypeScript** and Plain CSS with **ReactQueries** to fetch and maintain Data from the server.

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.