Farhan Saif

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summary

Aspiring software engineer specializing in backend development with research interest in computer security, more inclined to reverse engineering and malware analysis.

education

BSc in Computer Science And Engineering   Fall 2019 - Summer 2022
Islamic University of Technology
Gazipur, Dhaka

technical skills

•Languages

Programming— Python , C/C++ , Javascript/Typescript , Dart , Java

Scripting— Bash, Python

Markup— HTML, CSS, Markdown, LaTeX

•Frameworks

Web Frontend— React, Tailwind

Web Backend— Flask , NodeJs(Runtime), Express.js, Sequelize, Auth0

Database— PostgreSQL, Firebase Cloud Firestore, Mongodb

Mobile Development— Flutter

•Others

REST API, Git, Github Workflow, Test Automation, Nginx, Server Adminstration.

projects

•AutoResuma

AutoResuma is a web application to generate job-specific Resume for programmers. I developed the REST api and implemented jwt authentication.

Type— Web Application

Frontend— React.js, Chakra, Redux, Tailwind

Backend— NodeJs, Express.js, Sequelize

Database— PostgreSQL

Github— https://github.com/nandbyte/autoresuma

•LifeLine

LifeLine is an Electronic Health Record application which has blood donation, doctor-patient validation, blood group finder and many more modules.

Type— Mobile Application.

Frontend— Flutter

Backend— Firebase Authentication, Google Map API

Database— Cloud Firestore

Github— https://github.com/nandbyte/lifeline

•Otris

Clone of tetris, works cross platform, manupulation of unix terminal commands and multithreading was useful in this case.

Type— Terminal

Github— https://github.com/overlorde/Otris

•Jlox-Engine

A jvm based interpreter for educational language Lox, written in java, used vistitor pattern extensively.

Type— Terminal

Github— https://github.com/overlorde/jlox

competitions

•Capture-The-Flag

2021— 26th, National Cyber Drill, 2021
2021— 10th, IEEE Inter-University CTF, BUET

•Programming Competition

2019— 12th, Intra-University Programming Competition, IUPC