

Farhan Saif

farhansaif488@gmail.com — <https://farhansaif.xyz> — <https://github.com/overlorde>

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
Islamic University of Technology
Gazipur, Dhaka

Fall 2019 - Summer 2022

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 Administration.

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, manipulation 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 visitor 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