Samarth **S Kulkarni**

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Experience

Stack *Bengaluru, KA*
BACKEND ENGINEER *May 2021 – Present*
- Developing secure and production ready NodeJS APIs for the Stack App
- Designing DB schemas to suit data sanity and scalability
- Seamlessly integrating 3rd party APIs into our system
- Part of the internal Gophers group who are enthusiastic about Golang
- Building internal non-work projects, such as go-stonks, a mini stock market simulation written in Go and Flutter

Musubi Management / Tech IS *Bengaluru, KA*
FULL STACK DEVELOPER AND TUTOR *August 2020 – May 2021*
- Taught aspiring students Web Development including the Django Framework, React, and Redux
- Managed a batch of around 20 students every day and helped solve their doubts about web development
- Part of the team that developed an in-house CRM based on Django web framework
- Led a team in developing another in-house full stack web project
- Setup CI/CD for the projects using GitHub and Heroku
- Managed the Tech Team

Tongadive *Bengaluru, KA*
FULL STACK INTERN *May 2020 – July 2020*
- Developed production level React components and Nodejs API
- Helped implement the website into a mobile app using Ionic
- Worked on unit tests for Corda Blockchain
- CI of the modules I created using Jenkins

WebDevClub DSCE *Bengaluru, KA*
LEAD COORDINATOR *August 2018 – January 2020*
- Organised and conducted seminars every weekend
- • Taught full stack Web development to students of the 2nd and 3rd year

Education

Dayananda Sagar College of Engineering *Bengaluru, KA*
BE IN COMPUTER SCIENCE *Aug 2016 – Aug 2020*
GPA: 8.08
Vijaya Composite PU College *Bengaluru, KA*
PRE UNIVERSITY IN PCMCs *June 2014 – April 2016*
GPA: 67%
Vijaya High School *Bengaluru, KA*
HIGH SCHOOL *June 2011 – March 2014*
GPA: 83%

Skills

Coding Languages: JavaScript, C, Java, Python, Kotlin
Web Development: HTML, CSS, SASS, NodeJS, expressJS, ReactJS, MongoDB, TypeScript, GraphQL
Django, MySQL, PostgreSQL
Cybersecurity: Linux distros, Shell programming, burpsuite, nmap, hashcat, Wireshark, aircrack suite, Hydra

Projects

Go Stonks *Go, MongoDB (Atlas), Flutter*
A MINI STOCK MARKET SIMULATION, MADE AS A PART OF THE GOPHERS GROUP AT STACK FINANCE

Fingerprint Authentication for ATM Transactions

NodeJS, expressJS, MongoDB, JavaScript

A FINGERPRINT BASED AUTHENTICATION SYSTEM FOR CARD TRANSACTIONS AT ATMs AND OTHER PoS COUNTERS

DiscussionForum

ReactJS, NodeJS, expressJS, MongoDB, TypeScript, GraphQL

AN ONLINE PLATFORM FOR STUDENTS OF CSE, DSCE TO DISCUSS SUBJECTS

WakeOnLAN

Android Studio/SDK, Java, Kotlin

AN ANDROID APP USED TO WAKE UP SHUTDOWN PCs THROUGH A MAGIC PACKET.

Password Hashing

C

A SIMPLE USER AUTHENTICATION PROGRAM WRITTEN IN C