Mohamed Farhan Fazal

PROFILE

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JSS Science And Technology
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Date Of Birth
30 September 2000

GitHub
fazalfarhan01

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Personal Blog
View Blog

SKILLS

Git Expert	**JavaScript** Experienced
Python Expert	**Networking** Experienced
Linux Administration Expert	**Server Management** Expert
C Expert	**C++** Expert
HTML & CSS Experienced	**Arduino** Expert
Raspberry Pi Expert	**Bash/Shell** Experienced
Wordpress Expert	

LANGUAGES

English Native Speaker	**Hindi** Native Speaker
Urdu Native Speaker	**Kannada** Highly Proficient

HOBBIES

Travelling

Photography

Playing Football

Video Editing

Gaming

Biking

OBJECTIVE

Enthusiastic developer eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Clear understanding of major programming languages and APIs. Motivated to learn, grow and excel in the IT industry.

EDUCATION

Presentation Public School (June 2008 - April 2016)
Primary & Secondary Schooling — 10 CGPA

- Elected as the School Head Boy for the academic year 2015-16.
- Graduated as top of the class with 10 CGPA.
- Head of Science Club.
- Lead Actor in High School Musical Drama.

Kendriya Vidyalaya, Mysore (June 2016 - April 2018)
Senior Secondary Schooling Science with Biology — 90%

- Member of Finance Department of Student's Council in 11th.
- Head of Finance Department of Student's Council in 12th.
- Graduated in Top 10% of Class.

JSS Science And Technology University (July 2018 - Present)
Bachelor's Degree Electronics and Communication Engineering. — 9.6 CGPA

PROJECTS

IoT based home automation (November 2019 - Present)

- Home Appliances Control and Automation, with a custom Blynk Server connected to Internet accessible over the globe.
- Voice control using Alexa, Google Assistant and Siri.
- Android App built on Kodular.
- GitHub Repo

DSP - Filter Designer Tool (October 2020 - December 2020)

- A web application/tool to design Butterworth and Chebyshev analog filters with both analog and digital domain frequency at the input parameter side.
- Demo
- GitHub Repo.

Auto-CPY | A GUI for scrcpy (November 2020 - December 2020)

- A Desktop Application with backend in Python and UI in plain HTML, CSS and JS. A GUI tool for the famous android screen mirroring application scrcpy.
- GitHub Repo
- UI Demo

Alexa Skill to Control Blynk Server

- Alexa skill is written in python, deployed on AWS Lambda.
- GitHub Repo
- Video Demo

TP-Link Router Control

- A Python Library to control TP-Link Routers due to lack of any API to control and configure routers and switches.
- GitHub Repo
- Video Demo

Spectrum Analyser using Python (October 2019 - November 2019)

- Realtime Audio Spectrum Analyser using Python.
- Blog Post
- GitHub Repo

Media Servers, NAS and VPN on a Raspberry Pi (April 2019 - June 2019)

- Plex and Emby Media Servers on a Raspberry Pi 4.
- NAS | Network Attached Storage using SAMBA & FTP.
- VPN Server using OpenVPN on Pi.

CERTIFICATIONS

Specialization in Python for Everybody September 2020
University of Michigan

- View Certificate

System Administration and IT Infrastructure Services August 2020
Google

- View Certificate

The Bits and Bytes of Computer Networking September 2020
Google

- View Certificate

Operating Systems and You: Becoming a Power User October 2020
Google

- View Certificate