

Umang Parmar

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Experience

Juniper Networks

SOFTWARE ENGINEER

- Part of the platform team, working on VLAN/VxLAN primarily.

Bangalore, India

August 2019 – Present

Juniper Networks

SOFTWARE ENGINEERING INTERN

- Developed an automation tool to monitor lab resources.
- Contributed to Juniper internal test framework which is used by hundreds of Engineers.

Bangalore, India

January 2019 – June 2019

Debian

GOOGLE SUMMER OF CODE STUDENT PARTICIPANT

- Updated essential Android SDK tools packages required for Android App and Custom ROM development.
- Including but not limited to aapt, aapt2, adb, fatboot etc.

Remote

May 2018 – August 2018

Projects

Chain Reaction

BUILT A WEB BACKEND FOR GAME CHAIN REACTION WITH ONLINE MULTI PLAYER SUPPORT. USED WEB SOCKETS TO HANDLE SERVER TO CLIENT COMMUNICATION.

Golang, Gin, WebSockets

ugrep

BUILT A MINIMAL, CROSS PLATFORM GREP CLONE WHICH SUPPORTS COLOURED OUTPUT, LINE NUMBERS OF MATCHES, FILENAME OF MATCHES, FILES CONTAINING NO INSTANCE OF SEARCH PATTERN AND COUNT OF FILES CONTAINING SEARCH PATTERN.

Golang

Personal Blogging Platform

BUILT A PERSONAL MICRO BLOGGING PLATFORM USING DJANGO WHICH HAS SUPPORT TO WRITE, SAVE POSTS AS DRAFTS, DELETE POSTS AND PUBLISH POSTS. POSTS ALSO SUPPORT MARKDOWN SYNTAX AND ANONYMOUS COMMENTS. HOSTED ON MY AWS EC2 INSTANCE USING APACHE AND MOD_WSGI AT BLOG.UMANGPARMAR.ME.

Python3, Django, HTML, Materialize

Numer - Number Facts

DESIGNED AND CODED A SMALL ANDROID APP USING NUMBERSAPI.COM WHICH PRESENTS USERS WITH INTERESTING FACTS ABOUT NUMBERS. APP PROVIDES 4 KINDS OF FACTS: DAY FACTS, MONTH FACTS, YEAR FACTS AND MATHEMATICAL FACTS. THIS APP WON SECOND PRIZE IN AN APP CONTEST HOSTED BY IEEE, DA-IICT.

Java, Jsoup, XML

Skills

Programming Languages: Python, Golang, C, Java

Databases: PostgreSQL

Tools and Technologies: Django, Flask, Gin, Git, Gerrit, REST, make

Education

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)

B.TECH IN ICT

2015 – 2019

Awards

June 2016

Runner up in App development competition, Won the second prize for creating an android app from scratch which showed cool facts about numbers!

IEEE DA-IICT