ADITYA RAMAN

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EXPERIENCE

JUN 2021 – PRESENT
Software Development Engineer-1 (Founding Engineer), Humantic AI, Frrole — Bengaluru, IN
- Building RESTful APIs, managing production servers. Handling Backend of both Frrole and Humantic.
- Querying ElasticSearch, MongoDB for generating random and manual reports for data analysis.

JAN 2021 – MAR 2021
Software Developer (Core Autonomy), NewSpace Research and Technologies — Bengaluru, IN
- Building Image Classifiers for the drones
- OpenCV, Intel OpenVino Toolkit

JUN 2020 – AUG 2020
Backend Developer, KonfHub Technologies LLP — Bengaluru, IN
- Worked on Serverless Framework and AWS AppSync, AWS Lambda Functions
- Developed GraphQL API, integrating with NodeJs

DEC 2019 – MAY 2020
Software Engineer, Smitty LLC — Idaho, US
- Developed a Mobile App using Flutter
- Used Django REST Framework to develop REST API and hosted on DigitalOcean and later on GCP.
- The app is available on Play Store and App Store

EDUCATION

2017 – 2021 (*Expected*)
Sir M Visvesvaraya Institute of Technology — Bengaluru, IN
Bachelor of Engineering in Computer Science — 8.7 CGPA

PROJECTS

OCT 2020
TwitStat — Web Application [**GitHub:** https://github.com/MLH-Fellowship/twitstat]
- Designed and developed Twitter Sentiment Analyzer for the trending tweets using flask.
- Deployed through Azure App Services, documented using readthedocs.

SEP 2020
Serverless GraphQL — API [**Pub:** https://aka.ms/ServerlessSeptember2020]
- Designed and developed Serverless GraphQL API in NodeJs using Apollo Server and Azure Functions, managed project on Azure DevOps.
- Blog for the same has been published under Microsoft initiative of #ServerlessSeptember on dev.to

JUL 2020
Email Service — PyPI [**PyPI:** https://pypi.org/project/email-service/]
- Python package to quickly integrate different email services with your Application with just 3 lines of code

MAY 2020
Centralized Application for Medical Analysis and Intelligent Report — Web Application
- Designed and developed Django Web Application using graphQL API and Postgres DB to track the diagnosis of the patient linked with doctors and hospitals to prepare reports, available during emergencies. Same idea was later pitched by the Govt of India.

MAY 2020
SMITTY — Mobile App [**Play Store**: store/apps/details?id=com.mornville.smitty_app]
- Flutter, DRF & Django based Mobile App hosted on GCP, to manage workers and customers.

APR 2020
Microsoft Student Partners — Web Application [**GitHub:** ramanaditya/Microsoft-Student-Partners]
- Designed and developed Django Web Application hosted on Azure using twitter and GitHub API to track events, participants and organizers and to auto-generate certificates with auto emailing.

SKILLS

Prog. Lang.	Python, C/C++, JavaScript
Databases	PostgreSQL, MySQL, MongoDB
Cloud Services	GCP (Compute Engine, Cloud Functions), AWS (Lambda, AppSync, API Gateway, Cognito, EC2, LightSail), Azure (Functions, App Services)
Industry Req.	Data Structures and Algorithms, REST API, GraphQL API, Serverless Computing, ElasticSearch, Kafka
Frameworks	Django, Flask, NodeJs
Tools	Jupyter Notebook, Git, GitHub, Azure DevOps, Jira, Kibana

ACTIVITES

HONORS & AWARDS	MLH Fellowship (Fall 2020), Runner Up Makeathon(Hackathon)
LEADERSHIP	Gold Microsoft Learn Student Ambassador, Leading BellatrixData Community, Lead GLUG MVIT
VOLUNTEER	Mentor MLH, CA Bitgrit.inc, United Nations Online Volunteers, NASA Space Apps Challenge, Akshay Patra Foundations