

ADITYA RAMAN

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EXPERIENCE

DEC 2021 – PRESENT	Software Engineer (Solutions), Skit – Bengaluru, IN <ul style="list-style-type: none">Architecting and developing new features and optimise existing applications. End to End Development.Building RESTful APIs, Handling Backend Servers and Building Analytical Dashboards querying the DB.Building and managing bot flows, Optimizing the bot behaviours.
JUN 2021 – DEC 2021	Software Development Engineer-1 (Founding Engineer), Humantic AI, Frrole – Bengaluru, IN <ul style="list-style-type: none">Built RESTful APIs and managed production servers. Handled Backend of both Frrole and Humantic.Rebuilt and architect several features for optimisation and scaling up the system.Querying ElasticSearch, and MongoDB for generating random and manual reports for data analysis.
JAN 2021 – MAR 2021	Software Developer (Core Autonomy), NewSpace Research and Technologies – Bengaluru, IN <ul style="list-style-type: none">Building Image Classifiers for the drones, OpenCV, Intel OpenVino Toolkit
JUN 2020 – AUG 2020	Backend Developer, KonfHub Technologies LLP – Bengaluru, IN <ul style="list-style-type: none">Worked on Serverless Framework and AWS AppSync, AWS Lambda FunctionsDeveloped GraphQL API, integrating with NodeJs
DEC 2019 – MAY 2020	Software Engineer, Smitty LLC – Idaho, US <ul style="list-style-type: none">Developed a Mobile App using Flutter, which is available on the Play Store and App StoreUsed Django REST Framework to develop REST API and hosted on DigitalOcean and later on GCP.

EDUCATION

2017 – 2021	Sir M Visvesvaraya Institute of Technology – Bengaluru, IN <i>Bachelor of Engineering in Computer Science – 8.7 CGPA</i>
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PROJECTS

OCT 2020	TwitStat – Web Application [GitHub: https://github.com/MLH-Fellowship/twitstat] <ul style="list-style-type: none">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] <ul style="list-style-type: none">Designed and developed Serverless GraphQL API in NodeJs using Apollo Server and Azure Functions, managed project on Azure DevOps.A blog for the same has been published under the Microsoft initiative of #ServerlessSeptember on dev.to
JUL 2020	Email Service – PyPI [PyPI: https://pypi.org/project/email-service] <ul style="list-style-type: none">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 <ul style="list-style-type: none">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. The Govt of India later pitched the same idea.
MAY 2020	SMITTY – Mobile App [Play Store: store/apps/details?id=com.mornville.smitty_app] <ul style="list-style-type: none">Flutter, DRF & Django based Mobile App hosted on GCP, manages workers and customers.

SKILLS

Prog. Lang.	Python, 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. Frameworks	Data Structures and Algorithms, REST & GraphQL APIs, Serverless, ElasticSearch, Kafka, Caching, Testing
Tools	Django, Flask, NodeJs, React, Jupyter Notebook, Git, GitHub, Jira, Kibana

ACTIVITIES

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