

AMAN KUMAR VERMA

International Institute of Information Technology, Bangalore

@ aman.verma@iiitb.ac.in

☎ (+91) 9179273937

in aman-verma-akv

🔗 amanverma685

EXPERIENCE

AWS Back-End Developer

Gobaskt.com

📅 July 2021 – August 2022

📍 Remote, USA

- Designed and developed end to end Backend for [Cheap Vehicle Rentals](#) and developed REST APIs using Lambda Services in Python with AWS RDS PostgreSQL as database.
- Implemented email,PDF invoice generation, and PayPal payment integration, while creating a robust authentication system (Guest, User, Admin) and vehicle management with date blocking features.

Multilingual IVR and Chatbot Developer Intern

Gobaskt.com

📅 Jan 2019 – June 2020

📍 Remote, India

- Developed and implemented a mobile application with multilingual chat and IVR bot using Dialogflow and AWS Lex that enabled patients to schedule doctor's appointments from a list of available doctors.
- Used AWS Lambda for business logic, DynamoDB as database and AWS Connect for IVR integration.

PROJECTS

PushD++ - An Anti Depression App

React Native, Firebase, Spring boot ([Drive Link](#))

📅 January 2023 – April 2023

📍 [Git Repository](#)

- A depression-focused mobile application connecting users with suitable healthcare professionals based on severity data from standard tests.
- Implemented Login, Audio player, Podcasts, Video player functionalities where doctor can send videos, audios and articles to their assigned patient along with real-time chat using Firebase SCM.

Teaching Assistant Management System

React, AWS CodePipeline, Terraform, AWS Lambda

📅 January 2023 – April 2023

📍 [Git Repository](#)

- A webapp that allows professors to define the qualifications necessary for each TA positions, review and accept or reject the applications applied by students for TAship.
- Implemented multi-environment Pipeline for Rest APIs and Lambda functions using AWS Codepipeline, Terraform and Github.

PDF Q&A Genius

Flutter, Elasticsearch, AWS Lambda, Python

📅 January 2021 – April 2021

📍 [Git Repository](#)

- Mobile application to search the answer of the question given by the user from the uploaded PDF using Elasticsearch and Question Answering Bert model.
- Used Elasticsearch to index uploaded pdf by page number and retrieve the most relevant data from the pdf based on the query. The query along with retrieved data is passed to Bert model to get the answer.

EDUCATION

M.Tech in CSE

International Institute of Information Technology, Bangalore

📅 July 2022 – July 2024

CGPA : 3.33/4

B.Tech in CSE

Bhilai Institute of Technology, Durg

📅 July 2017 – May 2021

CGPA : 8.41/10

SKILLS

Languages: C, C++,Python, HTML/CSS, JavaScript,PostgreSQL

Library/Frameworks:Flutter, React Native

Developer Tools: AWS Cloud, Git/GitHub,

DevOps:Docker, ElasticSearch, Jenkins, Codepipeline, Terraform

Operating System:Windows,Ubuntu

MENTORSHIP

Teaching Assistant(Software Systems)

Shell scripting, Unix system calls

📅 July 2023 -Present

- Organizing interactive teaching and laboratory sessions with M.Tech. students on various topics in the Software Systems course.

ACHIEVEMENTS

- President Award by Bharat Scout & Guides held at Colaba, Mumbai 2016
- C certificate with 'A' grade in National Cadet Corps, 2020
- Won Inter College Poetry Competition, 2018
- Selected for Army Attachment Camp held at Saugor,MP 2019

CERTIFICATION

- AWS Fundamentals: Building Serverless Applications (Coursera)
- Building Conversational Experiences with Dialogflow (Coursera)
- Snowflake - Essential Data Warehousing certification (Snowflake)