Aman Gupta

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EDUCATION

IET-DAVV
2017-2021 | Indore, India
BACHELOR OF ENGINEERING, INFORMATION TECHNOLOGY
CGPA: 8.5 / 10

KENDRIYA VIDYALAYA
2014-2017 | Morena (M.P)
GRAD 12th
Percentage: 94
GRAD 10th
CGPA: 10/10

LINKS

LinkedIn:// Aman Gupta
Github:// AmanGupta03
Codeforces:// AmanGupta
Codechef:// Aman Gupta
Leetcode:// AmanGupta

SKILLS

PROGRAMMING LANGUAGES
C++ • JavaScript • Python

FRAMEWORKS / TOOLS
Node.js • Vue.js •Express.js •Flask •Git •Docker •Selenium

OPERATING SYSTEM
Ubuntu • Windows

DATABASE
MySQl • MongoDB

COURSEWORK

UNDERGRADUATE
Data Structures Algorithms
Database Management System
Operating Systems
Object Oriented Programming
Web Technologies
Software Testing
Computer Network
Discrete Mathematics
Android Development
Machine Learning
Artificial Intelligence
Cloud Computing
Big Data Analytics

EXPERIENCE

FACTSET | SOFTWARE ENGINEER I
June 2021 - Present | Hyderabad, India

FACTSET SOFTWARE ENGINEERING INTERN
Jan 2021 – Jun 2021 | Hyderabad, India
- Worked on the Core Web Apps team, using **JavaScript (TypeScript)** as a primary technology in Agile Workflow.
- Design and developed an **HTML Caching Service** using **Nodejs (Express.js)** and **Memcached** (For Caching Data) which brings average user perceived load time of cached web pages from 3.1 seconds to around 2 seconds.
- Implement an **Auto Complete Search** feature in a web app displaying finacial reports using **Vue.js**, that highlight searched item, automatically scroll and switch tabs if searched item is not in view of user.

WALKOVER | SOFTWARE ENGINEERING INTERN
Apr 2020 – June 2020 | Indore, India
- Worked on developing a web app for market analysis. I built a **Web-Scrapper** using **Selenium**, that scrap home page and about page of over 1 million websites and then **categorized** them, I write a **Python** script to analyses the growth of each category by watching the change in ranking of website belong to that category, using Cisco ranklist, and also implements features to find **similar sites**, and to **predict the category** of any new site as well.
  Tech -: **Web Scraping**, **Python**, **Machine Learning**, **Flask**.
- Developed a Sandbox using **Docker** to run untrusted user code for their service ViaSocket and also an API using **Node.js** for same.

ACHIEVEMENTS
- **Candidate Master** at **CodeForces** with highest rating of **2021** and **6 star** at **CodeChef** with highest rating of **2398**.
- **Global** rank **9th** among more than **5000** participants in **HackerEarth** June Circuit 2019.
- Winner **Smart India Hackathon** 2020.
- **Global** rank **29th** in **CodeChef** August Challenge 2019 (Div-1), also among **Top 10** in country.
- Secured Rank 40 in **ACM ICPC** Gwalior-Pune Regional onsite.

PROJECT

TRANSLEARN | CODE
- Web app based on **Natural Language Processing** and **Information Retrieval** techniques to-:
  - **Automatic Question Answering** from corpus using **IR** and pretrained **BERT**.
  - **Generate Presentation** on any topic by **scrapping and summarizing** data from Wikipedia.
  - **Highlight important points** from any text corpus using **Text-Rank** Algorithm
- Tools and Tech -: Python, Elastic Search, Flask, Transformer