Akshat Raj Baranwal

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EDUCATION

MIT WPU PUNE
B.Tech in Electronics & Communications Engineering
Expected Jun 2022
Cum. GPA: 9.39/10.00

LINKS

Website:// **arb.codes**
LinkedIn:// **akshatrb**
Github:// **akshatrb**
Codechef:// **akshat**
(**3 Star** @Codechef)

SKILLS

PROGRAMMING
- C++
- HTML • CSS • JS
- Embedded C
- Python
- Latex
- Matlab

TOOLS & OS
- AWS
- Git
- Apache2
- cPanel • SSL
- Linux/Unix
- Windows

ACHIEVEMENTS

- CodeChef **Rating 1707**
- Global **Rank - 538 out of 29,000** in CodeChef May Challenge 2021
- Completed **Hacktoberfest 2020** by contriubuting to **Open Source** Algorithmic Repositories.
- Scored perfect 10.00 in the 4th Sem

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Object Oriented Programming
Computer Networks
Operating Systems
System Programming
Fuzzy Logic and Graph Theory

PROFESSIONAL EXPERIENCE

LIGHT INFOSYS, PUNE | Software Engineer Intern (03/21 - 05/21)
- Worked in Frontend team to revamp the dashboard of main product.
- Fixed bugs in logic of a client's chatbot. Implemented an Employee Engagement chatbot.
- Streamlined process of data quality check for one of the major projects.
- Helped curating a user-manual cum documentation for company clients.

PROJECTS

CONFIGURED AN AWS WEB SERVER TO HOST A WEB MICROSERVICE
- Set up an **AWS EC2** webserver and configured different services by Virtual Hosting. Currently serving two websites from the web server.
- Created a short application(Clevernote) and used it as a primary project. Uploaded it over github and pulled the master branch to my server.
- Configured DNS and mapped it with the web server through **Elastic IP**.
- Tech involved include AWS EC2 Ubuntu image, Elastic IP load balancer, Virtual Hosting through **ApacheV2**, Confd Configuration, Version Control, DNS Config and full stack for our microservice [Live1] [Live2]

CLEVERNOTE
- An online note taking application that's a mix of Notion & Evernote.
- **CRUD operation** has been implemented which includes new note, archive, delete, restore and dark mode.
- **Application is live** on AWS EC2 instance and cloud storage using **MongoDB Atlas**. Tech stack used is **MERN**. [Live] [Source]

LOAN PREDICTION - A BINARY CLASSIFICATION MODEL
- Applied **machine learning** algorithms on the dataset to predict the output (Loan Status).
- Performed Pre-Processing steps, explored analysis methods and tools and showcased the output using various techniques. [Source]

TWITTER SENTIMENT ANALYSIS
- Implemented a SA methodology where tweets of a public user are fetched via tweepy from twitter's api v1.1.
- Performed preprocessing steps, calculated subjectivity and polarity. Used these scores to perform a comparative analysis. [Source]

COVID-19 NOTIFICATION SCRIPT
- To counter the OCD of checking updates of COVID cases & deaths, I created this python script that scrapes data from MOHFW website.
- It notifies the user about the number of active cases, deaths, etc via a Windows notification at interval. [Source]

POSITIONS HELD

- Training and Placement Coordinator, School of ECE, MITWPU Pune.