SAURAV FOUZDAR

Indian Institute of Information Technology(IIIT), Surat

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EDUCATION

B.Tech. (ECE) - 8.23 CGPA
IIIT Surat

📅 July 2019 – Present   ⚲ Surat, India

- COURSEWORK : Computer Architecture, Data Structures & Algorithms, Operating Systems, Computer Networks, Discrete Mathematics.
- ELECTIVES : Object oriented programming, Numerical methods using Python.

EXPERIENCE

Research & Development Intern
SaaS Labs US, Inc

📅 Aug 2021 – Present   ⚲ Noida,India

- Part of research team which designed and developed Web-Rtc SaaS product Dialworks.
- Developed Restful Web-Services(APIs) using NodeJs.
- Working on various features for smooth UX such as performance analysis, optimizations and benchmark evaluations.
- Can not share more detail due to Non-disclosure agreement.

Python Developer Intern
Trade Brains

📅 Oct 2020 - Dec 2020   ⚲ Bangalore,India

- Developed tools to predict intrinsic value of stocks using 7 different valuation models.
- Designed,developed and tested algorithms on various stocks using previous 5-10 years historical financial data.
- Developed web application using Python(Django), Bootstrap, JavaScript.

Technical Intern
Be of Use

📅 Sep 2020 - Nov 2020   ⚲ Chennai,India

- Curated an online MOOC coding course for their E-learning platform PEN.
- Collaborated with other fellow interns to provide feedback on developed content to improvise quality.
- Course covered topics such as OPP, Fundamentals of computer programming, etc.

OTHER

Freelance Problem setter
codechef.com

📅 May 2021 – Present

- As problem setter I create & test algorithmic problems for online coding contests.

SKILLS

- LANGUAGES : C, C++, SQL, Python.
- FRAMEWORKS : Django, NodeJs, Bootstrap, ReactJs(basic).
- DATABASES : PostgreSql, MongoDb.
- TOOLS : VS code, Git, Heroku cloud.

PROFILE LINKS

- LinkedIn - https://bit.ly/3lodBAT
- Github - https://bit.ly/3AegIBD

ACHIEVEMENTS

- Secured 298th Rank at **ACM-ICPC** Gwalior-Pune regionals.
- Finished 9th in INCEPTION 5.0 coding contest organised by NIT Surat ACM chapter.
- Scored 1209th rank in **TCS Codevita** 2020 final round among 20k+ contestants.
- Achieved **under-1000 rank** (Top 1%) nationally in PBISE-PHYZOK. Was awarded 25% scholarship for admission to BITS-DUBAI.

PROJECTS

AirBuddy

- Developed a social media web app during a 24-hours sprint in HackBash Hackathon.
- Where user can share their thoughts, ideas on different subpages such as Machine Learning, Blockchain, etc.
- Implemented using Python(Django), DbSqlite, Bootstrap.

Python-Book-Translator

- Book Publication often prints books written in one language to another to reach more readers.
- But they face problem with words normal in one language, culture, country but inappropriate in another.
- Developed a python script to replace such sensitive words from a book with appropriate words stored in a digital dictionary/API.
- Tested script with French and English sample text books.