Satvik Gupta

Software Developer, New Delhi

me@satvikgupta.com

Website | Github | LinkedIn | LeetCode

EDUCATION

B.Tech (Computer Engineering)	2020 - 2024	Delhi Technological University	9.43 GPA
AISSCE/CBSE (Class XII)	2020	GD Goenka Public School	95%
AISSCE/CBSE (Class X)	2018	GD Goenka Public School	96%

WORK EXPERIENCE

Technical Content Writer Intern, Coding Ninjas, Delhi
Sept 2022 - Dec 2022

- Consistently delivered 3 blogs a week with minimal delays, writing an average of 1.8k words per blog, along with illustrative images and diagrams.
- Researched and wrote articles on topics such as Akamai, AWS, test automation tools such as Katalon and ReadyAPI, etc.
- Worked with software such as AWS, Postman,Puppet, etc. - installing and writing code for them in order to write tutorial articles about them.

App Developer Intern, IIT-Delhi, Delhi - Flutter | SQLite | Arduino
Dec 2021 - March 2022

- Single-handedly designed and authored an Android app using Flutter SDK. The application receives, stores, displays and exports ECG data received from Arduino-based hardware.
- The app utilizes SQLite as a local database and hashes the user's pin code using SHA-256.

Flutter Developer Intern, CRIS, Ministry of Railways, Delhi - Flutter
Aug 2021 - Oct 2021

- Created the structural layout for multilingual support in the app. The app currently supports 2 languages, extendible to any number without any programming effort.
- Pushed for and assisted in migration to null-safe version of Flutter, resulting in a 40% drop in compile time and a 30% drop in startup time, with many other noticeable performance improvements.

PROJECTS

DTU-DCE Fraternity Forum's Flutter App - Flutter | JWT | REST | App Store | Play Store

- Directed a team of 3 developers and architected, developed and coded an app for DTU-DCE Fraternity Forum from scratch using Flutter, with full integration with REST API with server.
- Co-ordinated with backend team to develop and test new API endpoints. Also coordinated with Resume partner Resumod, who provide free membership of Resumod to forum members.
- Integrated authentication support with JWT authentication tokens for registered users.
- Built an admin panel into the app for the administrators to alter membership statuses and view user data.
- The app has 100+ downloads on Play Store, with a rating of 5 on both the Play Store and App Store.

ACHIEVEMENTS AND AWARDS

- Secured rank 3989 in TCS CodeVita Season 10, out of 100k + participants
- Secured rank 1421 in Newton School's Grand Coding Contest 2022, out of roughly 12k participants
- Secured All India Rank 5045 in JEE Mains 2020
- Cleared KVPY SA (11th) First Round in 2018

POSITIONS OF RESPONSIBILITY

Head of Tech Team, TEDxDTU, Github | Website | Play Store
Dec 2021 - Present

Flutter | Firebase Auth | Firestore | MongoDB | Mongoose | AWS | GCP

- Led the development of the mobile app in Flutter, and oversaw the development of the Website in Next.js
- Contributed extensively to the backend code in Node.js
- Set up AWS EC2 as a server for hosting the website, and configured SSL certificates for the domain using Let's Encrypt, and moved the live website to GCP Compute Engine to scale it. Used nginx as a reverse proxy to route requests to the Node.js code.
- The website served 400,000 HTTP requests, had 8k unique IP addresses making requests, and 1.5k registered users in a span of 20 days. 2/3rds of the tickets for the event were sold on the website

This Resume was generated by a script.