Aviral Dixit

Software Engineer

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EXPERIENCE

GRAVITY ORIENTING INTELLIGENCE | SOFTWARE DEVELOPER
April 2023 – Current | Lucknow, India

- ➜ Developed a Gravity Examination App from scratch, utilizing provided APIs for seamless integration. Implemented a modular Block architecture, enhancing both modularity and app performance.
- ➜ Collaborated closely with the back-end team to ensure efficient data flow and communication.

PERMISSIONLESS | TEAM LEAD
Feb 2022 – April 2023 | Mumbai, India

- ➜ Worked on more than 10+ projects and also lead more than 4 project in the company and later handled Flutter Department of the company.
- ➜ Lead Krishn AI in development and handled deployment of WebApp and Launching of it's Apk on Google play store.
- ➜ Managed States of the App using Provider, Bloc State Management Techniques.
- ➜ Worked on MVC (Model View Controller), Bloc Design Pattern in Flutter to separate out Business Logic from User Interface code and make code more Modular.
- ➜ Experienced in designing alluring UI/UX with animations of multi platform application using Flutter.
- ➜ Worked with web3 package in flutter for connecting Metamask Wallet and enabling web3 for Mobile and Web Application and implemented various blockchain contract functions in various Flutter Projects.
- ➜ Handled All the CRUD operation on Firestore for managing data in Flutter.
- ➜ Performed various types of Signin Methods given in Firebase Auth, and Deployed Web applications on Firebase using Firebase Hosting Services.
- ➜ Tried and implemented different packages in the pub.dev including Pagination, Web3, SharedPreferences ,Staggered GridView and many more.
- ➜ Learned and Worked on ReactJs, and handled 2 projects in the same Technology. and designed responsive Web Application using it.

PANSILWORKS PVT. LTD. | SOFTWARE ENGINEER
Jan 2021 – Jan 2022 | Lucknow, India

- ➜ Developed a fully functional website using Flutter as Front-end Framework and Spring Boot as Back-end Framework from scratch.
- ➜ Integrated Internationalization in Front-end as well as in Back-end ,which provide multi-lingual support and enables application to be used worldwide and added Redis caching mechanism in Back-end which increases performance by reducing need to access the slower storage layer frequently .
- ➜ Secured Data in Database using Advanced Encryption Standard (AES) Encryption and Decryption Algorithm in Back-end.
- ➜ Secured API's using Oauth2 Spring Security by making dedicated Authorization and Resource Server providing optimal security.
- ➜ Integrated messaging service Apache Active mq in the system for making reliable communication between different component running on different servers.

SKILLS

PROGRAMMING

Dart • Java • Python • SQL • HTML • CSS •

Flutter • ReactJS • Web3 • Spring Boot• Spring Security• Adobe XD • Github • Django • Flask •

MVP• MVC• Bloc•

Data Structure• Algorithm• Operating System•

EDUCATION

JSS ACADEMY OF TECHNICAL EDUCATION
BACHELOR'S IN INFORMATION TECHNOLOGY
Jan 2016 - 2020 | Noida, India

LUCKNOW PUBLIC SCHOOL
CLASS X AND XII
Lucknow , India

ACHIEVEMENTS

- • Qualified For Grand Finale of **Smart India Hackathon 2019**
- • Qualified For Grand Finale of **Smart India Hackathon 2018**

PROJECTS

UNMANNED AERIAL VEHICLE FOR PARCEL DELIVERY
| B.TECH , FINAL YEAR PROJECT

- • Funded by **Uttar Pradesh Council of Science and Technology, Government of UP.**
- • Drone Delivers parcel to destination and comes back to its source automatically.