# Divyanshu Shekhar

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## PROJECT EXPERIENCE

### Tyup : Connecting Students [ Flutter, Dart, Java ]                                June 2021 – June 2022
- Led design and development team to launch a cutting-edge platform to enhance student collaboration.
- Designed and implemented scalable APIs for managing user authentication and posts, hosted on AWS that served thousand of requests daily.
- Continuous Integration/Deployment pipeline integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing
- Efficiently managed an android application boasting over 5,000 users, consistently driving high user engagement with a monthly average of 1000 active users.

### Recite : Text-to-speech app for web & PDF [ Flutter, Dart, Java ]                          April 2021
- Addressed the market gap for a comprehensive text-to-speech app by developing a unique solution.
- Integrated multi-language voice support using Google TTS and Spacy NLP Model for precise sentence detection.
- Reached 10,000+ downloads with a monthly average of 2,000 active users through sustained efforts.

### Flexboard : React component library for re-sizable sidebars [ React, Typescript ]        November 2022
- Designed & engineered a high-functional and user-friendly sidebar component library with complete resizability using rollup, storybook and styled components.
- Achieved outstanding community popularity with 250+ GitHub stars and 100+ weekly NPM downloads.

### Workflow Reporter [ Typescript, Probot, GitHub API ]                                   January 2022
- Created a GitHub app to streamline reporting and automate notifications of failed workflow job actions.
- Used GitHub Developer API to fetch Pull Request and Failed Actions data and use it to report custom message.
- Deployed to Heroku with over 50 subscribed customers, resulting in successful implementation and adoption.

### Flutter Plugins & Packages [ Flutter, Dart, Java ]                                         June 2021
- Demonstrated expertise in working with and contributing to open-source projects related to Flutter, leveraging strong knowledge of the framework and its architecture.
- **Plugins:** Flutter Shortcuts, Flutter Process Text, Reflex, **Packages:** Path Animator, Snackbar Extension
- Recognized in the Flutter community for contributions and expertise, 85%+ popularity, 100+ likes on @pub.dev.

## ONLINE PORTFOLIO

### Hack The Developer : Master Your Skills [Wordpress]                                April 2020 - Present
- Demonstrated expertise in programming languages such as Go, Python, Java, frameworks such as Node, Flutter, GTK+, and libraries such as React, pytorch, pandas through blog content and industry recognition.
- Optimized blog content using SEO techniques to improve search engine rankings and increase website traffic.
- Hosted on AWS EC2, successfully retains a monthly user base of over 10,000. Provides practical implementations, catering to both aspiring developers and experienced software engineers seeking to broaden their skill-set.

## AWARDS AND CERTIFICATIONS

- **Hult Prize 2022 On-Campus Winner**: Led the design and development team, Won 1st Prize, for creating a student connectivity application to enable project collaboration easy with *proof-of-skill* and *proof-of-work* concept.

## SKILLS

- C | C++ | Java | Python | JavaScript | Dart | Go | TypeScript | Assembly | Shell | SQL | MongoDB | Redis
- React | Redux | Flutter | Node | Express | Angular | Flask | Django | Numpy | OpenCV | Spacy | Git | Scrum
- Linux | AWS | Docker | Microservices | Distributed Systems | Frontend | Backend | Full-Stack
- English, Hindi - *All professional proficiency or above*

## EDUCATION

**Kalinga Institute of Industrial Technology (KIIT) [BTech CSE]**                        Bhubaneswar, Odisha
*Pre-final (Third) year (CGPA 8.6)*                                                      *2020 – Expected. 2024*
**Kairali School [ CBSE ]**                                                                  Ranchi, Jharkhand
*12th Grade (90%)*                                                                                       *2019*
**Saint Joseph's School [ ICSE ]**                                                               Banka, Bihar
*10th Grade (93%)*                                                                                       *2017*