

# Divyanshu Shekhar

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## PROJECT EXPERIENCE

**Tyup : Student & University Collaboration** [ Flutter, Dart, Java, Docker ] June 2021 – June 2022

- Led the team, designed and implemented scalable and secure APIs for managing user authentication and posts, used Google Cloud APIs, hosted on AWS that served thousand of requests daily.
- Efficiently managed users over 5,000, high user engagement with a monthly average of 1000 active users.
- Continuous Integration/Deployment pipeline integration using GitHub Actions Workflow, pull requests, code reviews, load/stress testing, unit/integration/e2e testing

**Blog API : Scalable Backend Solution** [ Node, Express, MongoDB, Docker ] July 2021

- Developed and implemented RESTful API using Express.js, JWT, Validator & Mongoose
- Integrated MongoDB as database for efficient storage, retrieval, and management of data.
- Used Docker Compose for multi-container, load balancing and fault tolerance, increased efficiency by 90%.

**Recite : All-in-one Text-to-speech android app for web & PDF** [ Flutter, Dart, Java, Docker ] April 2021

- Integrated multi-language voice support using Google TTS and Spacy NLP Model for precise sentence detection.
- Led the team, designed and developed responsive front-end, used Bloc & Provider for state management
- 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

- Led the project team, setup project structure, integrated continuous integration & deployment to NPM registry.
- Engineered highly functional sidebar component using storybook and styled components.
- Achieved outstanding community popularity with 250+ GitHub stars and 100+ weekly NPM downloads.

**Workflow Reporter : Streamline failed workflow** [ Typescript, Probot, GitHub API ] January 2022

- 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.

**DevsOnFlutter : Flutter Open-Source Community** [ Flutter, Dart, Java ] June 2021

- Demonstrated expertise in working with and contributing to open-source projects related to Flutter
- 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 | Spring Boot | OpenCV | Git | Scrum
- Design Pattern | 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]**

*Pre-final (Third) year (CGPA 8.6)*

**Kairali School [ CBSE ]**

*12th Grade (90%)*

**Saint Joseph's School [ ICSE ]**

*10th Grade (93%)*

Bhubaneswar, Odisha

*2020 – Expected. 2024*

Ranchi, Jharkhand

*2019*

Banka, Bihar

*2017*