

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] <i>Pre-final (Third) year (CGPA 8.6)</i>	Bhubaneswar, Odisha <i>2020 – Expected. 2024</i>
Kairali School [CBSE] <i>12th Grade (90%)</i>	Ranchi, Jharkhand <i>2019</i>
Saint Joseph's School [ICSE] <i>10th Grade (93%)</i>	Banka, Bihar <i>2017</i>