Divyanshu Shekhar

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PROJECT EXPERIENCE

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.

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.
- Proficient in utilizing Postman to test APIs and ensure their functionality.
- 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
- Continuous Integration/Deployment pipeline integration using GitHub Actions Workflow, pull requests, code reviews, load/stress testing, unit/integration/e2e testing
- 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.

ONLINE PORTFOLIO

Hack The Developer : Code. Hack. Master. [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 | Shell | SQL | MongoDB | Redis
- React | Redux | Flutter | Node | Express | Angular | Flask | Django | 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]	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*