

# Divyanshu Shekhar

Software Engineer (Internship/Full-Time)

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## ADDRESS

Bhim Nagar, Aliganj road, Banka, Bihar 813102, India

## 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 many programming languages and trending technologies.
- 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 30,000.

## AWARDS AND CERTIFICATIONS

- **Hult Prize 2022 On-Campus Winner**: Led the design and development team, Won 1st Prize, for creating a student connectivity app to enable project collaboration easy with *proof-of-skill* and *proof-of-work* concept.
- **AWS Academy Graduate - Cloud Semester 1**: Successfully completed and developed proficiency in using AWS core services such as EC2, S3, CloudFront, RDS and IAM, through hands-on labs and assignments.

## SKILLS

- C/C++ | Java | Python | JavaScript | Dart | Go | TypeScript | Shell | SQL | MongoDB | Redis
- React | Redux | Flutter | Node | Express | Angular | Flask | Django | Linux | Git | Scrum | AWS | Docker
- Software Development | Design Pattern | Microservices | Distributed Systems | Frontend | Backend | Full-Stack
- English, Hindi - *All professional proficiencies 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*