Dhruv Kumar

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SOFTWARE DEVELOPER

I am passionate about solving complex problems, enhancing user experiences, and developing innovative solutions. With a strong drive to learn new technologies, I excel in collaborating with diverse teams and contributing to mission-critical projects. My experience spans frontend development, DevOps, and full-stack roles, where I've consistently delivered impactful results and led teams to success.

SKILLS

Frontend : ReactJs , AngularJs , React Native , Redux , NgRx , RxJS , HTML , CSS , Tailwind , Bootstrap

Backend : NodeJs , NestJs , Sequelize , SQL , Express , Django , Go , PostgresSQL , Echo

DevOps: Docker , Kubernetes (Beginner), ArgoCd (Beginner) , Git Action

Programming Principles: Solid Principles , Design Patterns

Languages: TypeScript , JavaScript , HTML , CSS , Python , Go
Familiarity: OpenAI API , CloudFlare Workers, RAG , LaMDA 2 API model , Prompting , Flask

OPEN SOURCE CONTRIBUTION

Parseable Console (React JS + TypeScript):
- Fix the role update update and sync issue
- Created the issue for search reset

EXPERIENCE

Geekomony Private   **Jul 2024 - Present**
Full Stack Developer and DevOps Developer

Yolo (Yolo PG management)

- **Project leadership**: As the lead, I defined the system architecture, selected the technology stack, and translated business requirements into actionable tasks.
- **Technology stack**: Leveraged NestJS for the backend, Next.js for the frontend, and React Native for the mobile app, ensuring an integrated and seamless development experience across platforms.
- **End-to-end supervision**: Oversaw the complete development lifecycle, from inception to final delivery, guaranteeing quality at every stage
- **Deployment on AWS**: Deployed the system using AWS AKS and S3, ensuring scalability, security, and reliability.
- **Roles-Based Authentication System (RBAS)**: Successfully implemented RBAS in App, enhancing security and user access control.
- **Performance optimization**: Conducted load testing using k6 to ensure the application could handle high traffic and performed optimally under stress.

Ctrl Fake

- Started a project from **scratch** with **fresher team**, **architecting** the **cloud infrastructure** and designing the **backend** and **frontend** .
- Utilized **Django** for the backend with **Redis** and **Celery** for background tasks, and built the frontend using **Next.js** and **Tailwind.**
- Performed **end-to-end** testing with **Cypress** and **load testing** using **K6**, implementing **Firebase Auth** for authentication.
- Deployed an **AI model** using a microservices architecture with **Docker** and **Docker Compose,** including GPU configuration on **AWS** .
- As a **team lead**, I manage client and management **interactions**, breaking down their needs into clear requirements.

Significant Contribution to Team and Company

- *Introduction of docker and CI-CD pipe line using Github action*
- *Next Js for frontend with types-script and SOLID principles*
- *Using of Django with Redis and Celery and AWS deployment .*

ProqSmart , Bangalore   **Feb 2023 - June 2024**
Frontend Lead & DevOps Developer
- Led a **nuclear startup** as the sole frontend developer in a 3-4 member team.
- Successfully **transitioned the platform API** from Django to Frappe API.
- Spearheaded the **standardization** of **coding practices** and CSS, emphasizing the **use of types** and interfaces for improved code quality.
- Implemented a robust **automation pipeline** through **GitHub Actions**, streamlining development processes.
- Pioneered the integration of **ngRx**, reducing frontend load time from 5 seconds to 500 milliseconds, significantly enhancing overall platform **performance by 10x.**
- Create an **AI pipeline** using ChatGPT to categorize unstructured **Construction item details** into custom categories, utilizing Python and the OpenAI API.
- Design a **new app architecture** using the **NX workspace** setup to house multiple applications, sharing common components across them. These components should be organized in multiple libraries, with **Storybook integration** for component documentation and **Tailwind CSS** for styling, all managed within a single repository.

  Significant Contribution to Team and Company
    - *Implementation of Nx with angular for multiple application with PrimeNg .*
    - *Introduction of Ngrx and Refactor the whole platform to support it .*
    - *Set the coding practices and standared for sustaninable developement*
    - *Added CI-CD pipeline for fast deployment*

Wisflux , Jaipur   **May 2022 - Dec 2022**
Full Stack Developer
- Executed a **project for BOSCH** aimed at optimizing the assembly line process for staff.
- Utilized **React JS** for the frontend, enhancing user interface , interactivity and testing using **Cypress**.
- Implemented **NestJS** for the backend, ensuring a robust and efficient system for seamless data processing.
- **Leveraged Electron** to convert the application into a desktop solution, improving accessibility and usability for assembly line personnel.

  Significant Contribution to Team and Company
    - *Implementation of Cypress end-to-end testing for Enterprise application fom scratch .*

ImagineSoftware , (Remote)   **Aug 2020 - Sep 2020**
Software Developer Intern
- Worked on job search portal using PHP , JavaScript and Linux and learned SCRUM

Cryptsy, (Remote)   **Jan 2020 - Feb 2020**
Software Developer Intern
- Developing and Maintaining the code - https://github.com/CryptsyTV/Streamingapp

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LEADERSHIP EXPERIENCE

- **Geekomony Private:** As a team lead, I started a project from scratch, managing a team of interns to architect cloud infrastructure and develop both backend and frontend systems. I ensured seamless client and management interactions, translating their needs into clear, actionable requirements. My leadership in deploying an AI model using microservices and Docker on AWS highlighted my ability to guide teams through complex technical challenges.

- **ProqSmart, Bangalore:** As the Frontend Lead & DevOps Developer, I led a small team in a nuclear startup, taking charge of the frontend development and platform API transition. I spearheaded the standardization of coding practices, implemented a robust CI/CD pipeline, and introduced performance optimizations that drastically improved the platform's efficiency.

SELECTED PROJECTS

Cloud Flare Worker AI   : https://github.com/aixart12/cloudflare-ai-email-analysis
JavaScript Ide : https://github.com/aixart12/javascript-ide
Full Stack Stater App : https://github.com/aixart12/nova-nexus