

Pragmatic full-stack developer, dedicated to delivering user-centric products with a focus on quality. Thrives in collaborative team environments, proficient in Git for streamlined processes, and committed to continuous learning for collaborative success.

## Work Experience

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### **Fullstack Engineer** **TARS (Bangalore, Karnataka)** **July 2022 – Present**

- Achieved 1000% growth in new chatbots, boosting platform sign-ups; engineered Python API backend which turns the website URL into an ai-chatbot in 30 seconds.
- Deployed Python API backend handling thousands of API requests using Docker, GitHub Actions, AWS EKS, and Prometheus-Grafana for seamless CI/CD, cloud deployment, and monitoring respectively.
- Built livechat into WhatsApp chatbot backend helping customers like Vodafone Qatar handle support during stressful events like FIFA 2022 and many more.
- Improved bundling performance by 90% by upgrading to Webpack 5, and its plugins by using caching, identifying and refactoring slow points, and moving type-checking into separate a thread. Also improved developer's productivity by introducing typescript and strict type-checking at build time.
- Halved customer success team's solution delivery time by creating a UI that automated their workflow for testing solutions.

### **Junior Fullstack Engineer** **TARS (Bangalore, Karnataka)** **Dec 2021 – Jun 2022**

- Built livechat into web chatbot which requires no additional sign-up and can be used by any existing Tars customers.
- Helped increase query response time by 20% and increased developers' productivity by refactoring and documenting old parts of the NodeJS backend code.
- Improved dashboard performance and development time by helping in rewriting existing backbone-js code into React.
- Integrated Zendesk Livechat into Tars WhatsApp chatbot backend, Letting businesses connect their agents to customers via WhatsApp.

### **Freelance Fullstack Developer** **Kubre.in** **Jan 2019 – Nov 2021**

- Developed a website for the TaxGlobe community to share market trends and purchase books using Livewire, AlpineJS, and MySQL. Read more in detail at [Design Document](#).
- Collaborated with Wonder Learning to implement their learning management system, allowing 20+ schools to transition to online learning during the pandemic using Laravel. Laravel, VueJS, and MySQL. Read more in detail at [Design Document](#).
- Constructed GateArch's online exam portal for administering mock exams for architecture students using Laravel MySQL. Read more in detail at [Design Document](#).

## Technologies, Languages, and Skills

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- Languages: Python, JavaScript, TypeScript, PHP, Java
- Databases: MySQL, MongoDB, Weaviate
- Frameworks: ExpressJS, Django, Laravel, ReactJS, TailwindCSS
- Technologies: Nodejs, REST APIs, GraphQL, WebSockets, Docker, Kubernetes, AWS, Git, Shell Scripting (bash), Linux
- Others: Design Patterns, Data Structures and Algorithms, Continues Integration and Deployment

## Projects

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- **Blogging** on [kubre.in/blog](https://kubre.in/blog) where I write and share my personal experiences and opinions in tech, Blog is made using AstroJS, and TailwindCSS. The source code can be found on [GitHub](#)
- **Depot Gato** is a game made using the Godot Game engine. I made this game to help me understand my abilities to venture into technologies other than the web and test my own planning and execution capabilities. The game can be played on the [itch.io](https://itch.io) page and the source code can be found on [GitHub](#).
- **Skeleton MVC Framework** is my crude attempt at mimicking popular frameworks like Laravel and Django by creating a barebones MVC framework that can be used to make web applications. The source code can be found on [GitHub](#).

## Education

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- **B. Tech in Computer Science & Engineering (9.3 CGPA)** **2019–2022**  
Dr. Babasaheb Amedbkar Technical University, Maharashtra, India.
- **Diploma in Computer Science & Engineering (8 CGPA)** **2015–2019**  
Maharashtra State Board of Technical Education, Maharashtra India.

## Others

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- **Certifications and Courses** - [Distributed Programming RICE University](#), [Concurrent Programming RICE University](#)
- **Extracurricular**: President of Computer Club during Diploma and Technical Lead at Computer Club during engineering. Participated in and won multiple project competitions during both diploma and engineering.

## Interests

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- Reading and learning about obscure things in tech, gaming, religion, art, and philosophy.
- Traveling with friends to small non-touristy places around cities and rural areas.