## Prem kumar

Junior Software Engineer

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Skills

### Languages

Javascript, Typescript, SQL, Dart

### Frameworks & Libraries

React, Next.js, Nest.js, Remix.js, Express.js, Tailwind CSS, Prisma, Flutter

### **Database**

PostgreSQL, Mongo DB, Redis

### **Tools**

Git, Docker, Docker Compose, Terraform

#### **Profiles**

in premkumar5012002 Linkedin

premkumar5012002 Github

Education

# Bharath Institute of Higher Education and Research

**2019 - 2023** Bachelor of Technology

Computer Science 8.4 CGPA

GPA

**Projects** 

### CloudVault

A web based cloud storage platform build in React.

- https://github.com/premkumar5012002/cloud-vault
- Designed and implemented a web-based cloud storage platform using React and AWS services such as S3 and lambda.
- Implemented an async file upload feature that supports uploading a maximum of 5 files at a time, with real-time progress tracking.
- Developed a AWS Lambda function to handle webhook events when files are uploaded to S3, ensuring data is properly populated in database.

React, Next.js, Tailwind CSS, Drizzle ORM, PostgreSQL, Redis, AWS Lambda, AWS S3 Storage, Express.js

### QuickNotes

A simple web based notes app for your note taking needs.

https://github.com/premkumar5012002/quick-notes

- Utilized Tiptap rich text editing features, such as inline styling, code blocks, to enhance the note-taking experience.
- Utilized Lucia auth to handle user authentication and session management.
- Implemented custom throttling for login, forget password and verify email functionality to prevent brute force attacks.

 $React, Next. js, Tiptap\ Editor, Tailwind\ CSS, Drizzle\ ORM, PostgreSQL, Redis$ 

### **Discuss**

Discuss - Reddit-like discussion forum website.

https://github.com/premkumar5012002/discuss

- Implemented next.js streaming for fetching comments for the post, resulting in faster page load time.
- Implemented Optimistic Updates for upvoting and downvoting posts to provide instantaneous feedback for user actions.
- Utilized Tiptap rich text editor for post creation.

React, Next. js, NextAuth, Prisma, Postgre SQL, Redis

# DrawThing

Virtual whiteboard for sketching hand-drawn like diagrams.

A https://github.com/premkumar5012002/draw-thing

- Incorporate a hand-drawn style to the diagrams using rough.js for a more personal and engaging experience.
- Implemented ability to pan, zoom and easily correct mistakes and revert changes with undo and redo options.
- Implemented drawing tools such as rectangle tool, line tool, move tool and pencil tool.

React, Next.js

## CostFocus

Expense tracking mobile app published in google play store.

- https://play.google.com/store/apps/details? id=com.appmakerss.costfocus&hl=en&gl=US
- Leveraged Flutter framework to develop a cross-platform expense tracking mobile application.
- Integrated Firebase backend services for database management and user authentication.
- Successfully launched the application on the Google Play Store.

Flutter, Firebase, Cloud Firestore