

# PRAJWAL SOMENDYAPANAHALLI VENKATESHMURTHY

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## EDUCATION

**Master of Computer Science**, Illinois Institute of Technology, Chicago, IL — **GPA 4.00** Jan 2023 - Dec 2024

**Bachelor of Information Science**, JSSATE, Bangalore, KA — **CGPA 7.65** Jun 2015 - Jun 2019

## SKILLS

**Hard Skills** C++, Javascript, Typescript, Python, ReactJs, NodeJs, MongoDB, SQL, REST, AWS, Algorithms & System Design

**Soft Skills** Leadership, Communication, Attention to Detail, Punctuality, Critical Thinking & Problem Solving

## EXPERIENCE

**Mid Frontend Engineer** Mar 2022 - Nov 2022  
**Certa** *Remote*

- Led a team of front-end engineers in successfully developing Certa 2.0, a cutting-edge no-code Third-Party Risk Management (TPRM) Software Platform, from inception to completion.
- Spearheaded the implementation of in-house tools and enhanced test coverage for frontend components from 50% to 90%, leading to almost 70% reduction in post-release defects and enhanced overall product stability.
- Collaborated closely with the design and product teams, providing valuable feedback and suggestions to optimize the user experience. Additionally, actively participated in the recruitment process, conducting interviews and assessments for senior software engineering positions.

**Software Engineer** Aug 2019 - Mar 2022  
**Snapwiz Edutech India (acquired by GoGuardian)** *Bangalore, KA*

- Accountable for successfully delivering end-to-end features at scale for the Edulastic product, leading a team of two skilled full-stack engineers. Responsible for overseeing migrations, deployments, and ensuring seamless operations.
- Contributed to the development of multiple product features, adhering to best practices and producing clean, maintainable code. Implemented robust unit and cypress integration tests to ensure high-quality software delivery. Notably, played a pivotal role in the creation of a sophisticated subscription module and playlist module.
- Implemented advanced performance optimization techniques, focusing on front-end bundle optimization and route splitting, resulting in a remarkable 50% reduction in both app load time and bundle size. Continuously sought ways to enhance the application's performance and user experience.

## PROJECTS

**Neural Image Captioner** Developed and implemented a Neural Image Caption Generation model with Visual Attention using PyTorch, transforming images into natural language descriptions. Utilized state-of-the-art deep learning techniques and the COCO dataset to train an encoder-decoder model with visual attention.

**Personal Blog & Portfolio** Developed a professional webfolio utilizing Next.js. Implemented Next-MDX with PrismJS to create visually appealing and dynamic blog templates, enhancing the overall user experience. Integrated EmailJS for seamless email service, ensuring effective communication with website visitors. Incorporated Splitbee analytics to gather valuable insights and track user engagement. Implemented Utterance for streamlined blog comments, fostering an interactive and engaging platform for readers. Successfully deployed the webfolio on Vercel.

## REWARDS & RECOGNITIONS

- Best Employee Award 2021 — GoGuardian
- 2 Spot Awards in 2019 and 2020 for contributions made to the Edulastic product — Snapwiz
- Winners of Mulesoft-Cognizant DTO Makers Session 2018