

Pranav Sridhar Koundinya

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Summary

Dedicated and innovative Lead Software Developer with a strong background in interactive content development and software engineering.

Proven track record of leading teams to success through effective restructuring, technology adoption, and process optimization.

Seeking opportunities to apply my technical skills and leadership abilities to drive impactful projects.

Education

Bachelor of Engineering, *Electronics & Communications*
R. V. College of Engineering

Jul 2011 to May 2015
Bengaluru, India

Work Experience

Lead Software Developer

Oct 2021 to current

Activity Studio, Think & Learn Pvt. Ltd. - BYJU'S

Bengaluru, India

- Built a ui library and framework on top of Cocos Creator, nodejs, and vuejs to quickly build mini games.
- Created a number of proof of concept web application for a number of product ideas, such as interactive videos, a drawing canvas for community posts, 3d character puppet as teacher assistant etc.
- Built the AppCraft platform - a low code tool to simplify web applet creation.
- Lead a team of talented developers in building a huge collection of web games that are used as a part of Byjus's live classes.

Game Developer

Feb 2018 to Sep 2021

Freelance

Bengaluru, India

- Created a number of unity editor tools as per client requirements.
- Built a digital art gallery using the godot engine as a proof of concept for an international client.

Research Assistant

Jan 2017 to Jan 2018

Wireless Group, University of Southampton

Southampton, UK

- Researched on modulation techniques for energy efficient wireless communication

Project Assistant

Jun 2015 to Dec 2016

Signal Processing Lab, Indian Institute of Science

Bengaluru, India

- Worked on a new modulation technique for Wireless Communication, leading to a published paper in IEEE.

Projects

AppCraft Astro | *solidjs, typescript, tailwindcss, markdown, astro, netlify*

Tool to greatly simplify the process of creating and deploying web apps. Improved from the original AppCraft with a different stack to support more features and optimizations.

AppCraft | *react, typescript, tailwindcss, redux, vitejs, git, githubactions*

No code tool to easily build web applets with full customizable reactivity.

Byju's US Math Applets | *react, typescript, nextjs, git, githubactions*

Web applets built to be used in live classes for Byju's US Math curriculum.

Byju's UNO Slides | *svelte, python, unity, blender, aws*

Web app to create slides for Byjus's UNO project aimed at kids with learning disabilities.

The slides also feature a 3d character which can be animated by the teacher to emote and explain the content.