

Sai Duddukuri

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EDUCATION

PURDUE UNIVERSITY

MS IN COMPUTER SCIENCE

ADMITTED WITH DEAN'S MERIT

SCHOLARSHIP.

Jan 2020 - Present | Indianapolis, IN

Cum. GPA: 3.3 / 4.0

KL UNIVERSITY

BACHELORS

Graduated May 2016 | India.

Cum. GPA: 7.6 / 10.0

SKILLS

TECHNICAL SKILLS

Programming Languages

• Python • JavaScript (ES6) • MySQL

Frontend

• React • Redux • HTML5 • CSS3/SASS

Backend

• NodeJS • Express • REST • GraphQL
• GraphQL-Yoga • Prisma

Database

• PostgreSQL • MongoDB • DynamoDB

Webservices

• AWS AppSync • AWS Amplify

SOFT SKILLS

Outstanding:

• Public Speaker • Leader • Motivator

OPENSOURCE

TURTLE | stayfit-with-turtle.com

A platform that makes your workout handy. My passion for technology and fitness brings this free tire platform. People's health is what turtle focuses. Developments are still progressing up to make it much robust.

COURSE WORK

- Algorithm Design And Analysis.
- Object-Oriented Design Patterns.
- Bigdata Analytics.
- Intelligent Sysytems.
- Bigdata Management.
- Communication And Networks.

WORK EXPERIENCE

PURDUE UNIVERSITY | RESEARCH ASSISTANT

March 2020 - Present | Indianapolis, IN

- Working under **Professor Dr.Jie Chen** to create an **Energy Visualisation Software**, a tool to create new projects and energy assessments using real-time data acquisition.<http://in-engr-iac.engr.iupui.edu/>
- Collaborated with small team of student designers to deploy a full stack web application for **IUPUI**.
- Engineered and maintained major features of web app using **ES6, CSS, PHP and jQuery**.
- Manually tested in various browsers and mobile devices to ensure cross-browser compatibility and responsiveness.

COGNIZANT CORPORATION | SOFTWARE DEVELOPER

June 2016 - June 2019 | Chennai, India

- Built and shipped highly performant web application for **parcel connect** using **Django**.
- Developed and maintained code for in-house and client websites primarily using **HTML, CSS,Sass, JavaScript, jQuery,Python and MySql**.
- Interfaced with clients on a weekly basis, providing technological expertise and knowledge.
- Interfaced with user experience designers and other developers to ensure thoughtful and coherent user experiences across **Parcel Connect** web app.
- Automated perfunctory tasks using python programming and VBA script that drastically reduced the efforts of the team in high priority tasks saving **4060 GBP/per year** for the client which was equivalent to **2FTEs** and boosted the productivity by **15 Percent**.
- Engineered an automation tool using VBA script that helped in reducing the efforts of the lead to track and monitor the status of the project and utilization of the team

PROJECTS

SHARE IT | • React • ES6+ •Express •MongoDB •Heruko

A complete web app to share your favorite places. This was built on MERN. You can also peek through other user-profiles and their favorite places. Share your favorites on share-it.

<https://shareit-2ff49.web.app/>

CHATTERBOX | • React • Express • Socket.IO • Express

Chatterbox is a text messaging web app. User can create their private rooms and share their credentials. Chatterbox allows for messages on both desktop and mobile devices. Part of what makes this app appealing is that it connects endless users in one room and doesn't store any messages.

<https://chatterbox-5b1c4.web.app/>

MOVIEGOOGLER | • React • ES6+ •MovieDB-API •Netlify

A web app for visualizing complete reviews for a movie. This uses live data provided by MovieDB API. This includes

<https://react-movie-googler.netlify.app/>

BEACH-RESORTS | • React • ES6+ •Netlify

A simple web app that helps users to choose best-qualified rooms. Users can choose based on different room types and price ranges. This app uses simple local storage

<https://ecr-resorts-localdb-reactproj.netlify.app/>