
AAYUSH KURUP

Software Engineer

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ABOUT ME

A motivated Software Engineer proficient in backend development, integration and database design. An eclectic and agile thinker who love to solve challenging problems using appropriate optimizations.

Core Skills

Node.js	Mongo.db	CSS
Python	MySQL	JavaScript
Nest.js	PostgreSQL	
React.js	HTML	

Achievements

Smart India Hackathon – Software Edition 2019 Grand Finalist.
Cleared round 1 of #HackWithInfy 2019
Cleared round 1 of TCS Codevita Season VII
Cleared TCS National Qualifier Test 2019

EXPERIENCE

Software Engineer, Squareboat

March 2022 – Present

Key responsibilities:-

- Developing backend and database for applications.
- Integrating the backend with frontend website.
- Engaging in client meeting for product demonstrations, progress update and doubt clarifications.

Assistant System Engineer, Tata Consultancy Services

January 2021 – March 2022

Key responsibilities:-

- Assisting clients in resolving the issues they are facing in the application.
- Performing RCA on the application.
- Making code changes on the application suggested by the client.

Data Analytics Intern, Emphasis Corp

February 2019 – April 2019

Key responsibilities:-

- Researching various NLP techniques for the application.
 - Creating backend and database for the application.
 - Reporting directly to the CTO regarding progress updates.
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EDUCATION

Bachelor of Engineering

Sagar Institute of Science and Technology, Bhopal
2016-2020

Higher Secondary School

Govt. Subhash Higher Secondary School for Excellence, Bhopal
2015-2016

High School

Theodosian Academy
2013-2014

PROJECTS

Fireshell

It is a shell written in node.js which can be used to execute realtime database and cloud firestore queries. It has been published on the npm registry.

Technologies used: Node.js and Firebase

Project source: <https://git.io/JTySk>

My Portfolio Website

My Portfolio website built using Gatsby.js, tailwind.css and Framer Motion.

Technologies used: React.js, Gatsby.js and Framer-Motion

Live Preview: <https://aayushkurup.dev>

Project source: <https://git.io/J1xrK>

Prevedi - Face Aging App

A mobile application that takes the image of user's face as input and transforms it to the face of an old person.

Technologies used: Flutter, Keras and Flask

Automatic Attendance Marking System

A software that takes an image as input, detects and identifies all the faces in the image and marks their attendance.

Technologies used: Keras, Flask, HTML, CSS, JavaScript, Bootstrap

Sudoku Solver

A web application that can solve any given sudoku puzzle.

Utilizes some very basic sudoku solving techniques coupled with an AI Search technique.

Technologies used: Python, Flask, HTML, CSS, JavaScript

Project source: <https://git.io/fjnOf>

Krishi Charak

A mobile app that takes image of a crop leaf as input and return the disease it may be suffering from.

Developed the app using flutter framework.

Used flask to develop the backend and tensorflow to develop machine learning model

Technologies used: Flutter, Flask, Keras.

Twitter Sentiment Analysis

A web application that fetches tweets from twitter along with the sentiment of each tweet (Positive or Negative).

Technologies used: Python, Flask, HTML, CSS, JavaScript, Twitter API

Project source: <https://git.io/fjnQG>

Chess Coordinates Trainer

A web-based game that can be used to learn the coordinates of a chessboard in a fun way.

Technologies used: React.js, TypeScript, Tailwind

Live Preview: <https://chess-coordinates-trainer.netlify.app/>

Project source: <https://git.io/JtfZY>

Bus Management App

A web app to manage the school and college buses, their drivers and the routes they follow.

Technologies used: Express.js, MySQL, HTML, CSS, JavaScript

Project source: <https://git.io/fjPic>