Amith C Kowshik

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• Bangalore, Karnataka

EDUCATION

Bachelor of Engineering - Computer Science   Dec '20 - Present

Bangalore Institute of Technology | Bangalore, India

CGPA: 8.37

TECHNICAL SKILLS

Proficient in programming languages including C, C++, Java, Python, Typescript and Javascript.

Experience in using database systems such as MySQL and Oracle SQL.

Experience working with technologies such as Git, Node, Tailwind and frameworks such as React and Angular.

Ability to create working applications using frameworks such as Django.

INTERNSHIPS

Software Development Engineer Intern   May '23 - Jul '23

Fidelity Investments | Bangalore

Full Stack Development Project using Angular

- Built a dashboard using Angular and Typescript to display the status and details of company apps, and provide easy access to necessary links.
- Styled the dashboard with Tailwind CSS for an aesthetically pleasing and user-friendly interface.
- Increased workflow efficiency for the team by providing necessary data in one location.

PROJECTS

File Management System with Search Engine   Mar '22 - Apr '22

An application to automatically sort and search files in a directory

- Designed and implemented a system to efficiently sort files in a given folder based on their extension.
- Created an intuitive GUI using the ncurses C library.
- Implemented a file search functionality for the sorted files within the GUI.
- Files were sorted with a time complexity of $O(n)$.

On-The-Go Rental Management System   Jan '23 - Feb '23

An application to easily book a vehicle on the spot based on location

- Designed and implemented an On-The-Go Rental System.
- Built a user-friendly booking feature for instant vehicle reservations.
- Utilized Django and MySQL for the backend development.
- Employed Bootstrap to enhance the frontend design.

Potfolio Website   Jun '23 - Jun '23

Personal Portfolio Website

- Built a visually appealing portfolio website showcasing personal and contact information using React and CSS.

Car Lane Detector   Jan '23 - Feb '23

Car Lane Detector based on canny edge detection

- Developed a car lane detector using Python libraries numpy and OpenCV.
- Provides real time detection based on Canny edge detection and Hough Transforms algorithms.

HOBBIES

- Passionate musician with 4 years of experience playing the piano and harmonica. Served as President of the college music club and band, leading performances in events such as Manthan Battle of Bands and VTU Fest.
- An avid reader of English fiction and sci-fi novels by renowned authors like George Orwell and Mary Shelley.
- Enthusiastic sports player with experience playing table tennis at the state level for both club and school.