AKASH KUMAR

+91 8318603271 beasakash2204@gmail.com linkedin.com/in/beasakash github.com/BeAsAkash

Experience

Freelance **August 2023 – May 2024**
Fullstack Developer *Guna, Madhya Pradesh, India*

- Developed comprehensive frontend and backend systems by integrating various frameworks and APIs, utilizing tools like the MERN stack.
- Designed and delivered software and web application solutions tailored for small-scale businesses, ensuring scalability and support.
- Managed full development lifecycle from planning and design to deployment, ensuring cohesive and high quality product delivery.
- Optimized database management and server logic, enhancing application responsiveness and reliability.

Technical Skills

Languages: C/C++, Java, Python, JavaScript
Libraries/ Frameworks: ReactJS, NextJS, NodeJS, ExpressJS, Flask
Tools/ Platforms: Heroku, AWS, Git, GitHub, Docker, CI/CD, Firebase
Databases: MySQL, SQLite , MongoDB

Academic and Personal Projects

EventWhiz | *TypeScript, NextJS, MongoDB, TailwindCSS* | Github | Live **December 2023**

- Developed an events management application that serves as a platform for organizing and promoting events globally.
- Leveraged **NextJS** in a monorepo integrating both frontend, backend with **Typescript** for type safety.
- Integrated **React Hook Form** and **Zod** for form management and data validation, **TailwindCSS** for efficient UI design.
- Used **Mongoose** for efficient **MongoDB** database interactions, ensuring data integrity and performance.

UrbanNook | *ReactJS, ExpressJS, MongoDB, Redux, Firebase* | GitHub **March 2024**

- Led the development of UrbanNook, a modern real estate marketplace leveraging the dynamic **MERN** stack.
- Implementation of authentication methodologies, including **Firebase** and **Google OAuth**, ensuring ironclad security.
- Pioneered real-world **CRUD** operations with **MongoDB**, fortified with **JWT** authentication and **Redux** toolkit integration.

TranscripTrek | *Python, HTML, CSS, JavaScript, Flask, YouTube API* | Github **September 2023**

- Developed a web application that leverages YouTube captions to generate concise and informative textual summaries of YouTube videos.
- A tool for researchers, seeking to quickly understand the essence of a video's content without watching it in full.
- Leveraging the YouTube transcript API that retrieves the transcript of the selected video, which is then processed by a machine learning model for summarization.

Digit-Recognition-Application | *Python, Scikit-Learn, OpenCV, SVC* | GitHub **January 2023**

- Optical Character Recognition system designed to predict output of handwritten images basically digits using **CNN**.
- Leveraging **Support Vector Classifier** and **Keras** sequential model, we trained our models on the **MNIST** dataset.
- Utilizing **Scikit-Learn** for machine learning functionalities, **TensorFlow** for deep learning capabilities, and **OpenCV** for real-time computer vision tasks.

Education

Jaypee University of Engineering and Technology **November 2021 – Present**
Bachelor's of Technology in Computer Science *Guna, Madhya Pradesh, India*