Aman Kumar M

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PROFESSIONAL EXPERIENCE

CO CREATE VENTURES   **Banglore**
Software Developer   *AUG 2023 - PRESENT*

- Working elbow-to-elbow with tech startups, turning their wild ideas into actual products ready for the big stage.
- Introduced efficient workflows, optimizing development processes to accelerate time-to-market for startups.
- Helped startups figure out what the market wanted, making sure their products were hitting the right notes for potential users.
- Tech : **Nextjs, Expressjs, AWS , Nginx, Cypress, MongoDB.**

CO CREATE VENTURES   **Banglore**
Software Developer Intern   *SEPT 2022 - JUNE 2023*

- During my time at CoCreate Ventures, lead the development of 6inc.co, an innovative virtual incubation platform for university students.
- Built a platform to connect students with mentors and resources to get them started on their entrepreneurial careers.
- Shipped interesting features like, **collaborative text editor**, **role based access control**, **Forums** and a notification engine.
- Tech : **Nextjs, Expressjs, AWS , Firebase , Nginx, Cypress, MongoDB.**

JUSTBOOKS.IN
Frontend developer intern   **2012-2013**

- Led the revamp of the online book rental platform's interface(justbooks.in), aligning designs with modern trends and user preferences.
- Executed the translation of design concepts into functional UI components, ensuring seamless user experiences and improved navigation.
- Developed the user interface for the delivery app, focusing on usability and efficiency to streamline the delivery process for customers and staff.
- Received commendation for the delivery app's UI, enhancing the overall efficiency and user satisfaction in the delivery workflow.
- Tech : **Nextjs, AWS, Nginx**

PERSONAL PROJECTS

DEPLOYIT.APP

- Designed and implemented a **CI/CD pipeline** using tools like GitHub Actions to automate the deployment of containerized applications..
- Ensured the pipeline **triggered builds** upon code commits, providing rapid feedback on code quality and identifying issues early in the development cycle.
- Orchestrated deployment stages, automating the release process to staging or production environments based on predefined triggers.
- Tech : **Advanced Nextjs** (UI), **python + docker sdk**, ExpressJs..

COVID-19 STATISTICS

- Developed a user-friendly app using React that visually presented COVID-19 statistics, allowing users to track and comprehend pandemic data effortlessly.
- Explored and adopted **charting libraries within React**, honing skills in rendering complex statistical data into easily digestible and visually appealing charts.
- Delved into backend development, setting up **server-side scripts and cron jobs** to automate periodic data fetching and updates from external data sources.
- Tech : ReactJS, charts js, Flask.

ALGOVIZZ
- Spearheaded the development of Algoviz, an interactive platform allowing users to **visualize sorting, searching, and ML algorithms** like KNN and K-means clustering.
- Led the algorithm publishing feature, enabling user sign-up, authentication, and authorization processes within the platform.
- Employed React's component-based structure and Django's powerful capabilities to build a scalable and efficient platform.
- Facilitated algorithm publishing, fostering a collaborative environment where users could contribute their algorithms to the platform's repository.
- Tech : ReactJS, **Django.**.

HASHTAG US
- Developed the video and text Chat app, delving deep into socket programming to establish **real-time communication** channels between users.
- Mastered the intricacies of **socket programming**, enabling seamless text and video connections, facilitating live interactions among users.
- Leveraged React's component-based architecture to create a dynamic and responsive interface that enhanced user experience.
- Tech : ReactJS, **socket.io,** Flask.

EDUCATION

PEOPLE'S EDUCATION SOCIETY UNIVERSITY, BANGLORE   *2019-2023*
Bachelor of Technology in Computer science Engineering | CGPA 7.47

ALVA'S PRE-UNIVERSITY COLLEGE, MOODBIDRI   *2017-2019*
CLASS 11-12 | SCORE: 94%

KENDRIYA VIDYALAYA SANGATHAN, RAICHUR   *2007-2017*
CLASS 11-12 | SCORE: 94%