Abhiram Kukkapalli

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Full Stack Developer adept at the MERN stack and various programming languages. Demonstrated leadership in team settings and excels at project management. Proven experience in developing user-centric applications, with a keen focus on data analysis and visualization, evidenced by successful project implementations.

SKILLS

Programming and Scripting Languages: Python, Java, C, HTML, CSS, JavaScript.

Libraries and Frameworks: React JS, Node JS, Angular JS, Bootstrap, Scikit Learn,Network X, Jekyll.

IDE and Platforms: Jira, Git, Jenkins, Docker, Kubernetes.

Cloud and Database: AWS, MySQL, PostgreSQL, MongoDB, Firebase.

PROFESSIONAL EXPERIENCE

Event Management System (Link) *Role: Team Lead*

- Led a team to develop a user-friendly event management web application using the MERN stack (MongoDB, Express, React, Node.js). Designed and implemented a MongoDB database schema for data consistency, efficiency, and deployed it on Render using Docker for containerization and Kubernetes for orchestration.
- Integrated third-party APIs such as Stripe, tawk.io, and Mirrorfly to streamline online payment collection for event organizers, enhancing the overall usability of the application.
- Adopted Agile methodologies and leveraged Jira for project management, organizing work into sprints. This approach ensured timely feature delivery and effective team collaboration while incorporating DevOps practices to improve deployment processes and application scalability.

Customer Churn Analysis Project (Link)

- Single-handedly developed a web application using the (React, Node, Express, PostgreSQL) for analyzing and visualizing telecom customer churn data, processing raw data to identify patterns and trends, and creating a user-friendly interface to explore the dataset and visualize key insights.
- Leveraged PostgreSQL for efficient data storage and retrieval and deployed the application on Render for optimal hosting and accessibility, enabling stakeholders to make informed decisions about customer retention strategies.

Web App Developer Intern *Bolt IOT*   Feb 2021 to April 2021

- Managed projects that included building a company profile and a photo gallery webpage, effectively communicating with clients to ensure their requirements were met.
- Utilized HTML and CSS tags to create visually appealing web pages that provided a seamless user experience for visitors. Created a Photo Gallery webpage, Inventrom Website, and a Website for Coffee Shop.

Java-based Student Registration Management System

- Collaborated with a team to implement JSP, JDBC, and Forms for the back-end functionality, resulting in a streamlined registration process for students and faculty. Designed and developed a front-end using React JS, enabling students to log in and register for classes according to seat availability.

EDUCATION

Master of Science (M.S.) - Computer Science   Aug 2022 - Dec 2023 (Expected)

INDIANA UNIVERSITY BLOOMINGTON, Bloomington, IN.

Relevant Coursework: Applied Algorithms, Elements of Artificial Intelligence, Data Mining, Applied Machine Learning, Software Engineering, Advanced Database Technologies.

Bachelor of Technology (B.Tech.) - Computer Science - GPA: 8.23   Aug 2018 - Apr 2022

PRESIDENCY UNIVERSITY, Bangalore, INDIA.