

AKASH SAH

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OBJECTIVE

A software engineer actively looking for software engineering internships/role.

EDUCATION

Builders Engineering College

Expected 2024

Bachelor of Engineering in Computer Science and Engineering

Excel Polytechnic College

2018 - 2021

Diploma in Electronics and Communication Engineering

RELEVANT COURSEWORK

Undergraduate: Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Computer Architecture & Organization, Probability Theory, Discrete Mathematics, Algebra and Number Theory, Compiler Design, Theory of Computation

Diploma: Semiconductors, Electric Circuit Theory, Digital Logic, Linear Integrated Circuit, Microprocessors & Microcontrollers, Very Large-Scale Integration, Digital Communication.

SKILLS

Languages	Java, JavaScript , C, Golang, HTML, CSS, SQL
Database	MongoDB, MySQL
Libraries/Framework	ReactJS, ExpressJS
Technologies/Tools	NodeJS, Git, AWS, Linux, Bootstrap

WORK EXPERIENCE

Open Source Contributor, *Linkfree*

- Contributed to the open-source project "Linkfree," a web application aimed at helping users manage their social links.
- Implemented a user-friendly filtering feature using React.js, allowing users to sort events based on different criteria such as future, ongoing, virtual, in-person, CFP open, free, paid, and past events .
- Utilized React's useState hook to manage the filter state, ensuring a seamless user experience without page reloads.
- Collaborated with the project team to maintain code quality, resolve issues, and improve overall application functionality.

PROJECTS

Builders Engineering College Website

- Developed an online admission form app for Builders Engineering College, leveraging a monolithic architecture and following the MVC (Model-View-Controller) design pattern. Utilized Node.js, Express, and MongoDB to create a robust and scalable back-end, handling data storage and retrieval efficiently.
- Integrated a template engine to dynamically generate and render HTML pages, ensuring a consistent and responsive user interface. Designed and optimized the database schema to efficiently store and retrieve user data, ensuring data integrity and security.
- Collaborated with a team of developers and stakeholders to gather requirements, conduct thorough testing, and incorporate feedback for iterative improvements.
- Implemented unit testing using Jest.

EXTRA-CURRICULAR ACTIVITIES

- Solved over 225 Coding Problems combining Leetcode, Codeforces, and CodeChef.
- Written over 10+ blog post on Hashnode on various computer science topics.