Sweekruth K M

MERN stack | Node JS developer | React developer | Problem Solver | Full Stack Developer
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Linkedin | Github | Leetcode | HackerRank

➢ Skills

- **Programming Languages:** JavaScript (ES6+), Typescript, Perl, SQL, HTML5, CSS3, Java, Python, XML,SQL.
- **Libraries/Frameworks:** Express JS, ReactJS, Next JS, Tailwind CSS, Bootstrap 4+, Mongo DB, Recoil/Redux (State Management), Node JS, Postgres SQL/MYSQL(RDBMS), Mongoose.
- **Devops CI/CD tools:** Source tree, JIRA, Git/GitHub/Bitbucket, Confluence, Veracode, Jenkins, Docker, AWS, RunDeck.

➢ Professional Experience

➢ Clarivate - Associate Software Engineer • Bengaluru   08/2022 - Present

- Contributed to cutting-edge web applications SaaS products like **Metacore** and **Key Pathway Analysis** in the Life Sciences and Healthcare (Cortellis) department.
- Detected and mitigated a **Distributed Denial of Service (DDoS)** attack on Metacore with 1 million requests in a few hours. Implemented a **rate limiter** middleware, blocked specific **IP addresses**, and communicated with stakeholders.
- Improved product usability by addressing customer issues and solving **30%** backlog bugs and enhancing application security proactively by **10%** every release resolving 10+ **Cross-site scripting (XSS)** issues.
- Designed a **Chatbot**, which increased the customer retention by **12%** where customers could interact with it and ask predefined set of questions. Where they would be redirected to the product documentation page or the customer service for further information
- Designed **RESTful APIs** using **Node.js** and **Express.js** in a sophisticated codebase, ensuring robust functionality.
- Developed complex frontend Dashboard for chemical interactions, with the use of **State Management Tools like Redux** for increased responsiveness and clean code.
- Revamped **React** front end landing page and UI components with **React Hooks**, **Responsive Design** for a more **user-friendly** interface and Component-based architecture.
- Ensured on-time project delivery with quarterly **pre-Production** environment deployment, collaborating seamlessly with Managers and the QA team in an **agile** development lifecycle.

➢ PROJECTS

➢ Course Selling Application NodeJS and Express Backend API's:[GitHub]

- **Admins** are allowed to sign up, sign in, create courses. **Users** are allowed to sign up, sign in, view courses, purchase courses. Both admins and users have separate authentication end points.
- The project uses **Express JS, Zod, Bcrypt** libraries **JWT's** token for authentication. **Mongo DB** is used to store all the data persistently.
- Passwords are **encrypted** and stored in **NoSQL** Mongo Database. **Middleware** are employed for checking header parameters and JWT verification for every route after user logs in.

➢ Project: Taskify - Personal Task Manager

- Crafted a responsive and intuitive user interface **UI/UX** with **React.js** to facilitate seamless task management.
- Implemented efficient **state management, Wrapper** functions and utilized **Redux** for real-time updates and optimal performance.
- Integrated seamlessly with a **RESTful API**, ensuring swift data retrieval and updates for a responsive user experience.

- Executed secure user authentication using **JsonWenToken** for enhanced data protection and user privacy.

➤ ACHIVEMENTS

- HackerRank: Problem Solving 5 ★.
- Our final Year project was selected in **Top 6** in our college Link And Won **1st place for the best Research Paper** when presented in Conference held in our college(RACE). Link
- Solved **200+ Data Structures and Algorithms**(DSA) Problems on Leet Code/ Hackerrank / GFG.

➤ EDUCATION

JSS Academy of Technical Education	Bengaluru
Bachelor of Engineering (B.E) in Computer Science | CGPA: **8.66/10**	2018 –2022
Bunts Sangha RNS PU College	Bengaluru
RNS (2nd PUC) | Aggregate: **88%**	2017-2018
Holy Angel's High School	Bengaluru
ICSE (Class X) | Aggregate **80%**	2015-2016

➤ EXTRA CURRICULARS

- **Hobbies:** Swimming, Gaming, Gym Enthusiast, Playing Cricket, Badminton and Football.