

Abhishek Chandrashekhar Sappandi

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Graduate Student in Information Science looking for Full Time opportunities; 6 years of Software Development Experience

EDUCATION

Dayananda Sagar College of Engineering, Bangalore, India | Bachelor's in Information Science GPA:8.8/10 **May 2019**

Coursework: Object Oriented Programming, Database Management System and Machine Learning

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, SQL, Bash, HTML, SCSS

Frameworks/ Library: React, Redux, React Native, NodeJS, GraphQL, Styled Components

Other: AWS, MongoDB, Jenkins, Git, JIRA, Google Tag Manager, GitHub, Postman, Unity, Data Structure and Algorithms

PROFESSIONAL EXPERIENCE

Kaplan India (Pvt.) Limited, Bangalore: Software Engineer 2

May 2021 - Present

GMAT Question types

- Independently designed and delivered **4** new GMAT question types (Tab, Table, Basic prompts; Matrix, Dropdown, Fill-in-the-Blanks answers) using React and Node.js, aligned with the **latest test format**.
- Also led **CI/CD migration from Jenkins to GitHub Actions**, improving deployment speed, reliability, and automation.

Bar Migration

- Built a Library page with advanced filtering using the MERN stack, and designed optimized Node.js APIs to manage questions, roles, and MongoDB with multi check filtering logic.
- Created secure RESTful endpoints to support dynamic filtering, pagination, and tagging features, improving data retrieval speed by **~40%**

React Upgrade

- Led the upgrade process from **16.13** to **18.2** of React within the project's codebase. optimized user experience by **40%**
- Implemented strategic improvements resulting in a notable **25% increase** in overall performance metrics.

Performance Tracker & Dark Theme

- Developed backend **APIs** using Node, enabling seamless data tracking and comparison features.
- Quantified the impact: Took ownership of frontend development, implemented a dark theme to enhance accessibility and engagement, and improved user engagement by **23%**, earning recognition at the **company-wide all-hands meeting**.

Study Calendar

- Led the development effort, responsible for architecting the application's structure and core functionalities where **user engagement** increased by **17%**.
- Implemented the same project in react native with redux as state management.

SCSS Migration, Accessibility & Responsiveness

- After migration the performance showed a substantial **10% improvement**, enhancing the application's efficiency and styling capabilities
- I spearheaded the implementation of comprehensive accessibility and responsive enhancements, resulting in a remarkable **60% improvement** in the overall responsive and accessibility of the application

Total Access CE

- Led a team of **2 people**, analysed business requirements and created user-friendly UX/UI
- Optimized the application's performance using code splitting, lazy loading, and memoization techniques to enhance speed and reduce initial load times

Accenture (Pvt.) Limited, Bangalore: Associate Software Engineer

Aug 2019 - May 2021

Virtual Shopping

- Led a team of **4 people**, securing **second** place in the Accenture **All Indian Accenture Innovation Contest 2020**.
- Using C# and Unity, I created an immersive environment where users navigate aisles, interact with products and place items within their carts and can generate bills at virtual checkout counters, receiving receipts directly via email for hassle-free payment processing.

Avanade Check-in App

- Developed the Avanade app using **AWS** DynamoDB, S3, and Lambda for authentication, automating employee check-ins, reducing manual efforts by **80%**, and improving workflow efficiency and attendance accuracy.

Mavenir, Bangalore: Software Intern.

June 2019 – Aug 2019

- Developed and implemented automation shell scripts for prepaid and postpaid programs, utilizing **SIP** protocol expertise to streamline communication processes and enhance **efficiency** and **reliability**.

PROJECT

Dev Tinder

Aug 2023 – May 2024

- Created backend APIs for a dating app using **Node.js** and **MongoDB**, ensuring seamless user interactions and efficient

LEADERSHIP

- Led a team of **100 people** in Swachh Vidyarthi, Swachh Vidyalaya and Swachh Gruha initiative by ISKCON Foundation