

# Ashik N M

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## Skills

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**Languages:** Java, Python, JavaScript, TypeScript.

**Technologies:** MERN, React JS, React-Native, Next.js, MongoDB, Flask, MySQL, Node.js, git, Tailwind CSS, Bootstrap

**Concepts:** Object-oriented programming, Responsive Design, Agile, Rest API, JWS Authentication, Context API, Material UI, ES6+, OTP Authentication, Zustand state Management, React-Query, Relational Databases, SEO.

**Tools:** Visual Studio Code, Postman, Git, Figma, NPM.

## Work Experience

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**LTI Mindtree, Bangalore**

Jul 2022 - Present

**Software Engineer**

- Collaborated in a team of 4 on the development and deployment of SharePoint web parts aimed at enhancing user experience.
- Achieved a 20% performance improvement by integrating a reusable component with React. This enhancement not only streamlined operations but also contributed to a more efficient and scalable system, leading to significant enhancements in overall performance metrics.
- Engineered a scalable Rest API architecture utilizing PnPjs library, optimizing data retrieval and processing efficiency by 30% and enhancing overall system performance.

**Ecoders, Bangalore**

Mar 2021 - Apr 2022

**Data Science Intern**

- Engaged in more than 5 projects, utilizing cross-platform technologies such as React.js for full stack web development, Flask for Rest API, and React-Native for Android Development, all aimed at enhancing client-server interactions.
- Executed a robust backup and restore functionality serving over 1000 users, ensuring secure local data storage and smooth connectivity to the MSSQL server.
- Restructured full-stack solutions with Python, React TypeScript, Node.js, and MSSQL; performed end-to-end testing with Postman to ensure seamless functionality and data integrity.

## Education

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**MSRUAS Bangalore**

Aug 2018 - May 2022

B. Tech – Bachelor's degree

Computer Science and Engineering

## Project Work

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**Client and Admin Panel for Metagenome analysis – Biokart:**

- Built a full-stack React application for metagenome analysis, enabling user-friendly sample uploads and execution of complex analyses, along with interactive result visualization.
- Designed a robust user authentication system emphasizing role-based access control, reinforcing data security by 20%, and providing tailored functionalities for different administrative roles.

**Digital Ledger Mobile Application- MySettling:**

- Crafted a user-friendly React Native application, presenting a digital ledger platform for efficient financial transaction management.
- Rearranged the SQL Database table structure, separating data into distinct tables and establishing connections through SQL joins, resulting in a 40% enhancement in API performance.
- Incorporated a comprehensive backup and restore feature to ensure seamless synchronization with MSSQL servers for a user base of 1000 when connected online.

**Event Management System – Nerolife:**

- Reorganized a React-based Event Management System for 10+ outlets showcasing an intuitive interface that enhances user interaction, facilitating smooth navigation and access to a wide range of event information.
- Introduced an admin panel for event organizers, which simplified the management of customer registrations and event-related data, resulting in a 40% improvement in outcomes.
- Optimized app load time by 30% with state management tech like Context API.