

Abarnaa B

Tamil Nadu, India

📞 9626146502 | ✉️ abarna.balakrishnan@gmail.com | 💻 <https://github.com/abarnaasuren> | 🔗 <https://www.linkedin.com/in/abarnabala/>

Highly Passionate MERN stack developer experience in designing, developing, and deploying web applications. Proficient in MongoDB, Express.js, React, and Node.js, with a strong understanding of modern web development technologies and best practices. Adept at collaborating with cross-functional teams and delivering high-quality solutions.

Projects

NOTES-TAKING-APPLICATION

React.js, Node.js, MongoDB

A Simple Notes-Taking-App Developed a single-page application using React.js, Node.js.

- Used static site generation resulting in faster load time and increasing efficiency.
- Used JWT, MongoDB for user authentication and saving of user data Axios for fetching data, and Browser Local Storage for User Authentication.

PASSWORD-RESET

React.js, Node.js, MongoDB

- Designed a Password-Reset Application for Login, Register, Reset Password
- Used React-Router to turn the application into Single Page Application.

TODO -LIST

- Designed Todo list for CRUD Operation
- Simple Create, Update, Read, Delete Operation

Projects Experience

- Developed and maintained full-stack web applications using the MERN stack.
- Collaborated with front-end and back-end teams to design and implement user-friendly interfaces and robust server-side logic.
- Created RESTful APIs and integrated third-party services to enhance application functionality.
- Implemented authentication and authorization mechanisms, ensuring data security.
- Optimized application performance through code refactoring, caching, and load balancing.
- Troubleshooted and resolved bugs, ensuring smooth application operation.
- Utilized version control systems (e.g., GitHub) for code management and collaboration.
- Worked with Agile/Scrum methodologies to deliver projects on time and within scope.
- Mentored junior developers and conducted code reviews to maintain code quality.
- Leveraged React JS resources for all data access, encapsulating URLs, and standardizing data access interfaces.
- Maintained Parent and Child elements by using State and Props in React JS.
- Implemented generating the verification hash code using Node JS and added user validations and user permissions by using Node
- Created React JS for reusable components (multi-field form elements), background file uploads.
- Developed certain features of the application functionality i.e., CRUD (Create, Read, Update, Delete) features using Require.js and Responsive Design

Technical Skills

Programming Languages	JavaScript
Libraries/Frameworks	React.js, Express.js, Next.js, GitHub, Node.js, Redis, HTML5, CSS3
Database	MongoDB, SQL
Platforms	AWS, Vercel, Netlify, Render

Soft skills

- Brainstorming
- Time management
- Empathy

Education

- MERN-Full Stack Developer, GUVI, IIT Madras, Chennai.
- Post Graduate Diploma in Computer Application, St. Joseph's college, Trichy
- PG: M.Sc. (Physics) – 8.75 Cgpa St. Joseph's college, Trichy
- UG: B.Sc. (Physics) – 8.1 Cgpa St. Joseph's college, Trichy