

AARTHI B

FULLSTACK DEVELOPER

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EDUCATION

SENGUNTHAR ENGINEERING COLLEGE (AUTONOMOUS)
Bachelor of Engineering, Computer Science & Engineering
CGPA: 8.2

Tiruchengode, Tamil Nadu
Graduation: 2025

EXPERIENCE

Bluon Tech Feb 2025 - August 2025

Jr. Software Developer

Laravel | PHP | HTML | CSS | JavaScript | MySQL

- Developed and maintained scalable backend services for a mobile app covering Real Estate, Finance, and Motors modules, ensuring stable and optimized performance.
- Implemented JWT-based cookie authentication, OTP verification, and email-based communication, enhancing security and user trust.
- Designed and optimized MySQL database schema, reducing query latency by 25% and supporting future scalability.
- Built a dynamic admin panel with Laravel Blade, enabling efficient management of users, listings, loans, and ads.
- Collaborated closely with the UI/UX team, following usability principles to deliver a smoother user experience across backend and frontend workflows.
- Revamped and stabilized the E-Vahan Sevai App, improving backend reliability and admin usability for trucking services.
- Redesigned and delivered 5+ responsive websites, including UI updates for the DMDK official site, ensuring modern and mobile-first design.

PROJECTS

CookLease – Rental Management Platform

React.js, Node.js, Express, MongoDB, Axios, Recharts, CSS

- Developed a full-stack rental service web application for catering equipment using React.js, Node.js, Express.js, and MongoDB.
- Built RESTful APIs for user management, product inventory, order booking, and returns, ensuring real-time synchronization of stock and order data.
- Implemented JWT-based authentication with cookies to securely store user IDs, along with Google OAuth 2.0 for social login integration.
- Designed a responsive admin dashboard for tracking orders, payments, and returns, and added interactive analytics (Recharts) for revenue and booking insights.

Expenzo – Expense Tracker App

React | Node.js | Express | MongoDB | Bootstrap | Recharts

- Built a secure backend with token-based cookie authentication and bcrypt-hashed passwords, ensuring reliable session management and robust user data protection.
- Developed scalable RESTful APIs for income and expense tracking (CRUD, pagination, search filters, and date-specific queries), improving query efficiency and user experience.
- Implemented aggregation-based APIs and a scalable MongoDB schema with relational design between users, income, and expenses, powering real-time financial dashboards (Net Balance, Total Income, Total Expense).

SKILLS

- Programming Languages:** Java, JavaScript, HTML, CSS
- Frameworks & Libraries:** Node.js, Express.js, React.js, Bootstrap, REST API
- Databases:** MySQL, MongoDB
- Tools:** Git, GitHub, VS Code, Postman