



NANDHAKUMAR V M

MERN STACK DEVELOPER

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ABOUT ME

I am a passionate MERN stack developer with expertise in building robust and scalable web applications. With a strong foundation in MongoDB, Express.js, React.js, and Node.js, I create seamless user experiences backed by powerful server-side solutions. My journey in web development began with a fascination for creating interactive user interfaces, which led me to dive deep into the world of full-stack development. I am constantly learning and adapting to new technologies to stay at the forefront of web development.

EDUCATION

- **BANNARI AMMAN INSTITUTE OF TECHNOLOGY**
Undergraduate Degree
Nov 2021 - April 2025
B.Tech Artificial Intelligence and Machine Learning
CGPA: 8.17
- **SENTHIL PUBLIC SCHOOL**
Senior Secondary
may 2020 - may 2021
secured 81% in Biology - Math group
- **SRI SWAMY INTERNATIONAL SCHOOL**
Secondary Level
may 2018 - may 2019
secured 78.9%

WORK EXPERIENCE

• GENPIXELS TECH PVT. LTD.

JAN 2025 - JUNE 2025

Associate Full-stack developer

(6 Months)

- Developed and deployed a Smart Apartment Maintenance System using the MERN stack (MySQL, Express.js, React.js, Node.js) to optimize maintenance request handling for residential complexes.
- Created intuitive React.js interfaces allowing residents to log issues, track complaint statuses, and receive live notifications.
- Built and integrated RESTful APIs using Node.js and Express.js with a MySQL relational database to manage user data, complaints, service history, and building information.
- Worked closely with stakeholders to deliver features from concept to production, ensuring performance, scalability, and responsiveness across devices.

PROJECTS

AREAS OF INTEREST

- FRONTEND DEVELOPMENT
- MERN STACK
- DL MODEL DEVELOPMET
- COMPUTER VISION

SKILLS

- HTML
- CSS
- JAVASCRIPT
- REACT.JS
- NODE.JS
- TENSORFLOW
- SCI-KIT LEARN

PROGRAMMING LANGUAGES

- C
- JAVA
- PYTHON
- R

LANGUAGES

- ENGLISH(READ/WRITE/SPEAK)
- TAMIL (READ/WRITE/SPEAK)
- HINDI (READ/WRITE)

HOBBIES AND INTERESTS

- GRAPHIC DESIGN
- PHOTOGRAPHY AND PHOTO EDITING
- VIDEO EDITING OR CONTENT CREATION
- READING TECH BLOGS OR NON-FICTION

● BASIC E-COMMERCE WEBSITE

JAN 2024 - JFEB 2024

[PROJECT LINK\(Click Here\)](#)

- Built a responsive eCommerce website using HTML, CSS, and JavaScript, featuring multiple product categories, dynamic product listings, and a functional cart system.
- Designed intuitive UI/UX layouts for key pages like Home, Products, Login, and Contact, enhancing user experience across desktop and mobile devices.
- Implemented client-side interactivity for product filtering, quantity selection, and total price calculation, providing a seamless shopping experience without back-end dependencies.

● BASIC E-COMMERCE WEBSITE

MAR 2024 - MAY 2024

[PROJECT LINK\(Click Here\)](#)

- Developed a fully functional eCommerce web application using React.js, featuring category-based product browsing, dynamic cart management, and responsive design.
- Utilized React Hooks and component-based architecture to build reusable UI components and manage state efficiently across the application.
- Integrated interactive features like real-time cart updates, product quantity control, and total price calculation to enhance the user shopping experience.

● SMART APARTMENT MAINTENANCE SYSTEM

JAN 2025 - JUNE 2025

[PROJECT LINK\(Click Here\)](#)

- Designed and developed a Smart Apartment Maintenance System using the MERN stack with MySQL, allowing residents to submit complaints and track maintenance status in real-time.
- Built secure RESTful APIs with Node.js and Express.js, integrated with a MySQL database to manage users, service requests, and technician assignments.
- Implemented a responsive and interactive React.js frontend, enabling seamless navigation, issue reporting, and admin-level service management.

● SIMPLE PORTFOLIO

MAR 2025 - MAY 2025

[PROJECT LINK\(Click Here\)](#)

- Developed a personal portfolio website using HTML, CSS, and JavaScript, showcasing projects, skills, and contact information in a clean and responsive layout.
- Designed a modern and professional UI/UX to highlight frontend and full stack development work, optimized for both desktop and mobile viewing.
- Implemented smooth navigation and interactive elements to enhance user engagement and present technical expertise effectively.

CERTIFICATIONS:

MERN Stack Development – *Xplore IT Corp*

JAN 2025 - MAY 2025

- Completed an intensive hands-on training on full-stack web development using MongoDB, Express.js, React.js, and Node.js. Built dynamic web applications with user authentication, RESTful APIs, and responsive front-end design. Gained practical experience in deploying and maintaining MERN-based applications.

MACHINE LEARNING AND COMPUTER VISION – *Infosys Springboard*

AUGUST 2024

- Gained a strong foundation in supervised and unsupervised learning algorithms, model evaluation techniques, and image processing fundamentals. Worked with Python libraries like scikit-learn, OpenCV, and TensorFlow. Built mini-projects in object detection and image classification using machine learning models.

ACHIEVEMENTS

APOGEE'22 BITS PILANI:

- **Place:** 1st Runner up
- **Description:** It is a International level technical event conducted by Bits Pilani

LEGION'23:

- **Place:** 2nd Runner up
- **Description:** It's an automated Maze mice competition conducted by Saint Gits college.