# DEEPALAKSHMI RAVICHANDREN

## Full Stack Developer

📞 9566821649

✉ deeparavi2403@gmail.com

in https://www.linkedin.com/in/deepalakshmiravichandran

📍 Tiruvannamalai , 606811

○ https://github.com/Deepa-Lakshmi-Ravi

🌐 https://deepalakshmi.netlify.app/

## EDUCATION

**Bachelor of Technology(IT)**
**Anna University , Trichy**
79%                           2019-2023

## SKILLS

### Frontend Technologies

- React.js
- Javascript(ES6+)
- HTML5
- CSS3
- Bootstrap
- Tailwind CSS
- Responsive Design

### Backend Technologies

- NodeJs
- ExpressJs
- RESTful APIs
- JWT Authentication
- Django

### Database

- SQL
- MongoDB
- Mongoose
- MySQL
- Kafka

## PROFILE

To enhance my professional skills and knowledge by contributing as a Full Stack Developer in a dynamic organization. Skilled in both frontend and backend development using technologies like React.js, Node.js, and MongoDB. I aim to build scalable, user-friendly applications and take ownership of real-time, data-driven solutions. Looking forward to roles that value continuous learning, responsibility, and innovation.

## WORK EXPERIENCE

### Lansub Technologies Private Limited

**Software Engineer**                    **June 2024 - Present**

- Developed and maintained scalable web applications.
- Optimized performance and user experience.
- Worked on backend and frontend technologies.
- Integrated APIs and managed databases.

### Agaramsoft Technologies

**Software Developer Trainee(Zoho Developer)**        **6/2023 - 11/2023**

- Developed and created Deluge code, functions, and workflows.
- Created custom applications on Zoho Creator.
- Developed, customized, and maintained Zoho applications, including Zoho Creator, Books, and Inventory.
- Used Deluge scripting to create custom functions and automate tasks.

## Projects

**OpFact - Manufacturing ERP Application**

- Designed and developed a Manufacturing ERP web application to enable real-time monitoring, inventory and production management, power consumption analysis, and to reduce downtime while improving productivity.
- Integrated an AI-powered chatbot using Ragflow, allowing users to access real-time data and ask queries related to the application functionalities for faster decision-making.
- Built the frontend using React.js, with responsive UI design via CSS3 and Bootstrap.
- Implemented RESTful backend APIs using Node.js and Express.js, following MVC architecture.

## Tools

- Git
- GitHub
- Postman
- MongoDB Compass
- MongoDB Atlas
- Azure (for deployment)
- Azure Devops

## LANGUAGE

- Tamil
- English

## PORTFOLIO

- https://deepalakshmi.netlify.app/

- Stored and queried data using MongoDB with Mongoose; used MongoDB Compass locally and MongoDB Atlas in production.
- Enabled desktop deployment by converting the web app into a cross-platform solution with Electron.js.
- Visualized real-time graphs and analytics using a mix of Python scripts and Node.js logic.
- Integrated Kafka to explore real-time data streaming and responsiveness

### ZenClass Student DashBoard

- Developed a web-based learning platform that offers students a personalized dashboard to view sessions, submit tasks, ask questions, and access multiple learning features.
- Frontend built using React.js for seamless user experience and Axios for API communication.
- Backend powered by Node.js and Express.js, with authentication handled using JWT.
- Used MongoDB for data storage and Mongoose for schema modeling.

### Parkinson's disease Prediction  using Spiral Images in Deep Learning

- Developed a web application to predict Parkinson's disease stages using spiral hand-drawn images analyzed through Deep Learning models. The user uploads a spiral drawing, and the system classifies and predicts the stage of the disease based on the image input.
- Preprocessed the spiral image dataset, applied classification logic using Deep Learning, and integrated model predictions into the frontend interface.
- Built the user interface for uploading and visualizing prediction results, aiding in early detection and awareness.

## CERTIFICATES

**Android Development Workshop**                     **May 14,15-2022**

*by* **MIT -  Chennai**

**Full Stack Development**                     **Sep-2023 to Jan-2024**

*by* **Guvi  - Chennai**