# Dhana Lakshmi Selvaraj
## Software Developer

IT professional with 5.5 years of experience in the full software development lifecycle, with strong expertise in front-end development and working knowledge of back-end technologies, with a focus on building intuitive, user-centric applications. Known for strong problem-solving skills, adaptability, and a continuous learning mindset. Collaborative, self-motivated, and organized, with a proven track record of delivering high-quality solutions in team-driven environments.

✉ dhanalakshmi.selvaraj1103@gmail.com

📍 Frankfurt, Germany

🐙 github.com/dhanalakshmiselvaraj06?tab=repositories

📱 (+49) 1608375369

in linkedin.com/in/dhana-lakshmi-selvaraj

## SKILLS

C/C++ | HTML5 | CSS/SASS | Tailwind CSS | Javascript | ES6
Typescript | React | Redux | React Hook Form | TanStack Query
REST API | Angular 17+ | Ionic | JEST | Jasmine and Karma
Microsoft Azure | Linux | JIRA | GIT

## WORK EXPERIENCE

### SOFTWARE DEVELOPER
### ALPHIND SOFTWARE SOLUTIONS

*08/2021 - 04/2022*                              *Chennai, India*

*Achievements/Tasks*

- Spearheaded the successful refactoring of the client-side web architecture to introduce a reliable SPA (single-page application).
- Analyzed existing code, business rules, validations, and component flows, documenting them for better understanding and future reference.
- Handled integration, validation, and verification activities by adhering to agile techniques and best development practices to ensure system reliability and performance.
- Collaborated daily with UX designers, product managers, and backend developers to integrate REST APIs and deliver seamless user experiences in an agile environment.
- I worked closely with the QA team to perform thorough testing and ensure system stability and reliability.
- Maintained high unit test coverage using testing frameworks like Jasmine and Jest to safeguard code quality.
- Familiar with utilizing GIT version control to manage and track code changes, ensuring collaborative and organized software development
- Participated in release planning, review, and coordination. Also supported production deployments and verification.
- Prepared requirement specification documents, technical and design documents, user manuals, and release notes.
- Well versed in Agile methodologies, consistently delivering proficiency in iterative cycles, and adapting to evolving client needs.

## CERTIFICATES

Developing Front End Apps with React Issued by IBM via edX – Verified Certificate (2025)
**Certificate ID:** 7c8286268f574530817104ebe7af166d

Certification of Completion | Advanced Javascript Udemy (2024)
**Certificate ID:** UC-2dc69fe7-f2af-49d1-b204- feceaf10a493

Microsoft Certified: AzureFundamentals (2023)
**Certificate ID:** 56C5O2-5DA00E

## PROJECTS

Statuslead (02/2021 - 06/2021)

- **TOOLS & TECHNOLOGIES:** React, Redux, React Hook Form, Firebase, Jest, React Router, Context API, Git, VS Code, Azure Pipelines
- Built and maintained frontend features using **React** , with state managed through **Redux** and **Context API** .
- Implemented **role-based authentication** using **Firebase Auth** and **React Router** for route protection.
- Developed and validated forms using **React Hook Form** , improving form performance and maintainability.
- Added **file export functionality** and integrated file upload/download with **Firebase Storage** .
- Created a **change history tracking system** for monitoring record updates and user actions.
- Used **Firebase Admin SDK** to automate emails and handle secure server-side tasks.
- Wrote **unit tests using Jest** to ensure UI logic and component functionality remained reliable.
- Set up and maintained a **CI/CD pipeline** with **Azure Pipelines** for automated builds and deployments.

# 💼 WORK EXPERIENCE

## SOFTWARE ENGINEER
### TOVERTO SOLUTIONS PRIVATE LIMITED

*02/2021 - 07/2021*                                         *Coimbatore,India*
*Achievements/Tasks*

- Led the migration of a legacy vanilla JavaScript application to React, implementing reusable components and improving frontend architecture.
- Developed user interfaces using React, TypeScript, and Redux for efficient state management and scalability.
- Integrated React-Redux applications with RESTful APIs to ensure smooth data flow between frontend and backend.
- Utilized TanStack Query for efficient data fetching and caching.
- Managed forms using React Hook Form for robust and flexible form handling.
- Applied testing frameworks such as Jest and Playwright to ensure code quality and reliability.
- Experienced in setting up CI/CD pipelines using Azure Pipelines and GitHub Actions.
- Collaborated in an Agile development environment, participating in sprint planning, reviews, and retrospectives.
- Used strong problem-solving skills and attention to detail to build fast and easy-to-use applications.

## EXECUTIVE BUSINESS DEVELOPMENT
### NOUS INFOSYSTEMS

*08/2016 - 12/2020*                                         *Coimbatore,India*
*Achievements/Tasks*

- Engaged in driving technology enablement and orchestrating digital transformation across diverse domains.
- Possess a solid comprehension of IT project life cycles and emerging technologies.
- Skillfully employed a range of strategies to identify and cultivate new sales prospects, utilizing proactive communication and persistent follow-up to expand the sales pipeline.
- Fostered strong relationships with C-level executives, facilitating meaningful connections in the IT landscape.

# 🎓 EDUCATION

## MASTER OF COMPUTER APPLICATIONS
Karpagam college of Engineering(Anna University)

*06/2011 - 04/2014*                                         *Coimbatore,India*

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE
V.L.B Janakiammal college of Arts and science

*06/2008 - 04/2011*                                         *Coimbatore,India*

# 🏆 HONOR AWARDS

Emerging Star Award (10/2021 - 02/2022)
*Alphind Software Solutions*

# 📐 PROJECTS

### Event Manager (02/2021 - 06/2021)

- **Tools & Technologies:** React, TypeScript, .NET (ASP.NET Core), SQL, RxJS, Git, VS Code, Visual Studio 2019, SSMS, Firebase, PayPal SDK
- Built **reactive dynamic forms** and **interactive data tables** using **React** and **React Hook Form** .
- Implemented **JWT-based authentication** and **role-based authorization** with **ASP.NET Identity** .
- Integrated **PayPal SDK** to securely handle user payments and transaction processing.
- Deployed the web application via **Firebase Hosting** , ensuring continuous delivery and uptime.
- Followed best practices in **state management** , component architecture, and responsive design.

### Sandhills Center Management System (08/2021 - 03/2022)

- **Tools & Technologies:** HTML5, SCSS, JavaScript, AngularJs, Angular11+, Typescript, Angular material, RxJS
- Assess the target platform or framework for the **migration** and evaluate its compatibility with the existing frontend codebase.
- Conduct thorough testing of the migrated front-end components to ensure proper **functionality**, **responsiveness,** and adherence to **design** specifications.
- Contributed to a comprehensive migration process from **AngularJS** to **Angular** on a large scale.
- Part of the team in the analysis of the codebase, identifying areas that required refactoring or **rewriting to align with AngularJS** component-based architecture.
- Prioritized critical modules and gradually migrated them to **Angular** while maintaining the functionality of the existing system.
- Skilled in creating **reusable UI components, managing state**, and working with **component-based architecture.**

### Landry's Select Club (02/2021 - 06/2021)

# 🗣 LANGUAGES

English
*Native or Bilingual Proficiency*

German
*Professional Working Proficiency*