

# POORNI KALIRAJAN

## MEAN STACK DEVELOPER

### CONTACT

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Sivakasi, Tamil Nadu

### SKILLS

**Web Technologies:** NodeJS, Angular, HTML5, CSS, SCSS, Bootstrap, Angular Material

**FrameWork:** Express, Angular

**Programming language:** Javascript, Typescript

**Database:** MongoDB, MySql

**Blockchain Networks:** Ethereum, BSC Network, Polygon, Tronweb

**Tools:** VisualStudio, Postman

### EDUCATION

#### Bachelor of Computer Science (B.Sc)

Ayya Nadar Janaki Ammal College  
Sivakasi

2016-2019

Grade :7.5

#### Master of Computer Application

Mepco Schlenk Engineering College  
Sivakasi

2019-2021

Grade : 8.2

### LANGUAGES

Tamil

English

### ABOUT ME

As a **Mean stack developer** at Osiz Technologies Pvt Ltd, I have garnered **over 2 years** of hands-on experience in crafting **web-based** applications using **Angular and Node.js**. Renowned for my adept analytical problem-solving skills, unwavering dedication, and timely project delivery, I am currently seeking new opportunities to advance my career leveraging my software knowledge and skill set.

### WORK EXPERIENCE

Jan 2022 - Nov 2024

#### Programmer

Osiz Technologies , Madurai

#### Projects:

##### 1. LocalCoinMarket & PataCrypto:

- Peer-to-peer (P2P) cryptocurrency exchanges where users trade digital currencies directly with one another.
- Both projects follow an identical concept for seamless user trading.

##### 2. TronRoll:

- Users can stake TRX coins, earn daily returns, and receive rewards.
- The platform enables staking and reward mechanisms for TRX coin users.

##### 3. Neldex:

- Focused on implementing bridge, swap, liquidity, and other modules.
- Provided backend assistance, primarily in a MERN stack environment.

##### 4. Eternal Blockchain:

- Developed a new blockchain network and Coin ETL.
- The project included network mining and application mining concepts.

#### Application Structure:

- Node.js Version: 21 (Boilerplate)
- Angular Version: 12

#### Key Functionalities You've Implemented:

##### 1. Web3 and TronWeb Integration:

- Blockchain smart contract integration for secure centralized and decentralized application solutions.

##### 2. Angular's RxJS and HttpClient:

- Efficiently managing asynchronous operations.
- Communicating with backend servers through HTTP services for seamless data handling.

##### 3. Mastery of Angular Features:

- Utilized services, pipes, and both structural and attribute directives to create robust and scalable applications.

##### 4. JWT (JSON Web Token) Authentication:

- Implemented in the backend for secure, stateless communication between client and server.
- Validated API requests for user authentication, providing feedback or error messages as needed.

##### 5. File Upload and Email Handling:

- Leveraged Cloudinary and Amazon S3 for image uploads.
- Used Nodemailer to handle email functionalities, including TFA (Two-Factor Authentication) and OTP (One-Time Password) for critical transactions.

##### 6. Real-Time Updates and Notifications:

- Integrated sockets and cron jobs for real-time data updates and notifications.
- Used third-party npm packages for enhanced functionality.

##### 7. Database Management and Security:

- Ensured secure database handling, safeguarding sensitive data.
- Optimized database performance through seamless operation management.