

# Mahendra M R

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## EXPERIENCE

### Foundry Digital – Software Engineer

Bengaluru, India

Technology Stack: JavaScript, React, Node.js, Datadog, HTML, CSS, Rainbow Kit, Git

Oct 2023 – Dec 2024

- Implemented a secure authentication service for the staking project using React auth0.
- Automated Jira ticket creation by integrating functionality to process emails received via the "Contact Us" link on the website.
- Integrated public Ethereum APIs to facilitate seamless Ethereum staking operations.
- Developed functionality to generate CSV documents from JSON responses which contains transactions history.
- Monitored node metrics with Datadog to enhance reliability
- Built Node.js(NESTJS) tools for blockchain metrics and node performance monitoring, optimizing concurrency, and resource management to ensure high performance and scalability.
- Ensured high uptimes (99%) and accurate payouts for staking operations.
- Identified and resolved node issues to maintain performance.
- Used Jira for efficient development and project management.
- Created and managed Vault and Nomad configurations and JFROG for dockerizing the node clients for SSV, Obol, Solana, AVAX, Livepeer, NEAR, and DOT nodes.

## SKILLS

**Languages:** Python, JavaScript, TypeScript, Java, C, HTML, CSS, SQL, C#

**Miscellaneous:** React, Node.js, NestJS, Git, Jira, Gitlab, ASP.Net, VB.Net, Docker

**Domains:** Bitcoin Mining, Blockchain Technology, Staking

## PERSONAL PROJECTS

### Ethereum Validator Tracker

Ethereum Validator Tracker is a React-based web application that provides detailed statistics on Ethereum validators using the beaconcha.in API. The app features a responsive design, interactive sidebar, and a top validators component listing the top ten validators based on their Ethereum balance

### Job Portal Website

Developed an online job portal using ASP.Net Framework and C# programming language, incorporating Microsoft SQL Server for database management. Designed user-friendly features including job search filters, resume upload functionality, and communication tools to optimize the job search and recruitment process. Utilized HTML and CSS for seamless user interface design.

### Blood Bank Management System

Project was focused on managing Donor information, Blood groups, and Blood stock details. I utilized VB.Net for the front-end, developing forms in Microsoft Visual Studio 2019 and designing the application layout. The back-end was supported by Microsoft SQL Server 2005. This project was designed to function in a Windows environment.

## EDUCATION

### Indira Gandhi National Open University

Bengaluru, India

Master of Computer Applications – Pursing

January 2024 – Now

### National College Basavanagudi

Bengaluru, India

Bachelor of Computer Applications - CGPA 7.07/10

October 2020 – August 2023

## ADDITIONAL DETAILS

**Strengths:** Highly motivated, ability to learn quickly, capable of working with minimum supervision

**Languages Known:** English, Kannada, Hindi