# Hariharan N
## Full Stack Developer[MERN]

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## Education

**Amrita University**                                                                July 2019 - May 2023
*Bachelor of Science in Computer Science (GPA: 6.5 / 10.00)*                          *Coimbatore, Tamilnadu*
- **Relevant Coursework:** Data Structures and Algorithms, Prob & Stat in CS (Python), Machine Learning(Python), Deep Learning, Natural Language Processing, Computer Architecture.

**Nava Bharath National School (CBSE)**                                              July 2017 - March 2019
*12th Standard (410 / 500)*                                                          *Coimbatore, Tamilnadu*
- **Relevant Coursework:** Physics(Topper),Chemistry,Maths,Computer Science.

## Experience

**GUVI**                                                                             Jun 2023 – Dec 2023
*Full Stack Development Internship*                                                   *Chennai, Tamilnadu*
- Designed and implemented responsive user interfaces with React.js, and improving and implementing responsive designs for user satisfaction.
- Implemented microservices architecture using Node.js and Express,learning to improve API response time.
- Learned to implement new features using React and Redux toolkit
- Optimized MongoDB database queries, reducing page load times and enhancing overall application performance.

## Projects

**Fitness Logger** | *React.js, Node.js, MongoDB*
- Developed an of a Fitness logger using Node.js and atlas cloud and increased the speed of data retrieval with MVC architecture.
- Designed and deployed a scalable REST API using Express.js and REST API, achieving a improvement in data retrieval speed.
- Learned Performance issues like slow loading times and inefficient API calls and to optimize techniques, including caching, lazy loading, and database query optimization.

**E Commerce** | *React.js, Express.js,Bootstrap,Node.js*
- Developed an of a E commerce using Node.js and atlas cloud.This project is based on my back end skill as it has 2 authorization and JWT authentication
- Implementation of Authentication and Authorization for both seller(Admin) and Consumer for diffrent UI.

**UG Projects** | *Machine Learning and NLP*
- Stock Manager (By using Deep learning models we trained models with previous years data sets to predict using Reinforcement Learning)
- Language Translation (From Hindi To English using NLP with Google Colaboratory)
- Historical Documents Restoration (Deep Learning models to preserve Documents(Final Year Project))

## Certifications

**IITM ZEN Certification**                                                           July 2023 - Dec 2023
*Full Stack Development*                                                              *Coimbatore, Tamilnadu*
- **Relevant Coursework:** HTML, CSS, Javascript, React.js, Node.Js, SQL, MongoDB

Certificate

## Technical Skills

**Languages**: Javascript, Python, Typescript(on process)
**Technologies**: React.js, Flask(on process), Express.js, TensorFlow, Bootstrap, Node.js, MongoDB,SQL, Tailwind CSS, Wix, WebFlow, Shopify, Wordpress(Learning)
**Additional Skills**:VS Code, Docker, AWS(on process), Git and Github.
**Communication Language:** English, Tamil