MD ASADUZZAMAN RIPAN

Gladbacher Str. 218, 47805 Krefeld, Germany +4917636715365
aripan017@gmail.com www.linkedin.com/in/mdripan https://github.com/aripan
Portfolio ⇒ https://aripan.netlify.app

SKILLS

Front End	**HTML5, CSS3, SASS, Bootstrap4, JavaScript, React.js, Redux**
Back End	**Node.js, Express.js, REST APIs, Firebase, MongoDB, PostgreSQL**
Tools	**Git & GitHub, NPM, Gulp, Postman, Visual Studio Code**
Other Languages	**C++, Python, MATLAB**
OS	**Windows, Linux**

PROJECTS

TreatUrHunger — *A full stack restaurant website is built with **React.js, Redux, Node/Express.js and MongoDB**.*

MERN-Shop — *An eCommerce website is built with **React.js (including Hooks), Redux, PayPal API, Node/Express.js and MongoDB**.*

Amazon-Clone — *A simple and minimalistic clone of Amazon is built using **React.js (including Hooks), Redux, Stripe API, Node/Express.js, Firebase(Backend-as-a-Service)**.*

*All the **PROJECTS** are available at **https://aripan.netlify.app***

EDUCATION & CERTIFICATIONS

University of Stuttgart, Germany — *M.Sc. in Computational Mechanics* SEP 2016 - NOV 2019

- Main coursework: Data Structures, Design and Analysis of Algorithms, Statics and Dynamics, Numerical Simulation, Mathematical modeling, Software Development.

Presidency University, Bangladesh — *B.Sc. in Civil Engineering* JAN 2010 - DEC 2013

- Major in Structural Engineering

Coursera — *Server-side Development with NodeJs, Express and MongoDB* [Issued AUG 2020- *See credentials*]

Coursera — *Front-End Web Development with React* [Issued JUL 2020 - *See credentials*]

Coursera — *Front-End Web UI Frameworks and Tools:Bootstrap4* [Issued JUN 2020 - *See credentials*]

Coursera — *Basic of Web Development & Coding Specialization* [Issued JUN 2020- *See credentials*]

freeCodeCamp — *Responsive Web Design* [Issued Apr 2020 - *See credentials*]

EXPERIENCE

German Aerospace Center, Stuttgart, Germany — *Research Assistant* OCT 2018 - NOV 2019

- Computational analysis of a porous structure, numerical modeling and simulation, verification and validation of the numerical model.
- Software used: C++, MATLAB

University of Stuttgart(IMA), Stuttgart, Germany — *Research Assistant* NOV 2017 - SEP 2018

- Task was to transform the code of a developed software from MATLAB to Python.
- Software used: Python, MATLAB

LANGUAGES

English (CEFR C1), Deutsch (CEFR B1), Bengali (Mother Tongue)