

# VISHNU S K

7356139191

skvishnum1998@gmail.com

LinkedIn/Vishnu SK

GitHub/VishnuSK2

## Objective

---

To secure a role that allows me to apply my expertise in full-stack web development, building scalable and efficient digital solutions. With a strong foundation in Mathematics (BSc) and comprehensive training in Full Stack Development, I am skilled in creating intuitive user interfaces and robust backend systems using modern frameworks and cloud technologies. I am passionate about contributing to innovative projects, leveraging both my analytical mindset and technical abilities to deliver impactful results. Effective communication and collaboration are central to my approach, ensuring I add value to the development process and the organization.

## Education

---

### B.Sc Mathematics

2017-20

Calicut University

### Higher Secondary-Computer Science

2014-16

## Skills

---

**Programming Languages:** JavaScript, TypeScript

**Front-end Technologies:** React, Angular, HTML, CSS

**Back-end Technologies:** Node.js, Express.js

**Databases:** MongoDB, DynamoDB

**Developer Tools:** Git, VS Code

**Soft Skills:** Collaboration, Problem-Solving, Communication

## Projects

---

### Trustwave Banking Application

*Technologies Used: HTML, CSS, JavaScript*

- **Secure User Interface Design:** Developed a secure and user-friendly banking application interface with HTML and CSS, focusing on intuitive navigation and accessibility. Implemented design elements that enhance usability while adhering to best practices in user experience for financial applications.
- **Real-Time Transaction Management:** Engineered dynamic functionalities using JavaScript to facilitate real-time transaction processing, account balance updates, and transaction history displays. Incorporated robust input validation and error handling to ensure data integrity and enhance security measures.

### Media Player Application

*Technologies Used: React*

- **Interactive User Interface:** Designed and implemented an engaging user interface using React, featuring custom controls for play, pause, volume adjustment, and track selection. Ensured the design was responsive and visually appealing, enhancing the overall user experience.
- **Dynamic Media Playback:** Developed robust media playback functionality, allowing users to stream audio and video content seamlessly. Utilized state management in React to manage playback status and provide real-time feedback, such as buffering indicators and elapsed time displays.

### BMI Calculator

*Technologies Used: HTML, CSS, JavaScript*

- **User Interface Design:** Designed a visually appealing and responsive user interface using HTML and CSS, ensuring accessibility and ease of use across various devices. Implemented a clean layout with intuitive input fields for height and weight, enhancing user experience.
- **Dynamic Functionality:** Developed the calculator's core functionality using JavaScript, allowing users to input their measurements and receive instant BMI calculations. Incorporated input validation to handle erroneous data entries and provide real-time feedback on user inputs.

## Achievements

---

Full Stack Development Certification from Luminar Technolab, Ernakulam, where I developed skills in building scalable web applications using HTML, CSS, JavaScript, React, Angular, Express, Node.js, and MongoDB, preparing me for real-world development challenges.