

# Shemilkumar E A

DOB : 14/09/2000

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## SKILLS

### PROGRAMMING

- Javascript • Node.js • React.js
- Express JS • MongoDB • Git
- Typescript • HTML • CSS
- TailwindCSS • REST • Postman
- Linux • JSON • AWS

### SOFT SKILLS

- Problem solving
- Teamwork
- Leadership
- Growth mindset

## EDUCATION

### JAIN UNIVERSITY

MCA IN COMPUTER SCIENCE  
Oct 2021 - Present | Bangalore

### CALICUT UNIVERSITY

BSC COMPUTER SCIENCE  
May 2021 | Thrissur, Kerala  
St Thomas College, Thrissur  
CGPA : 4.5 / 6

### VBHSS, THRISSUR

Grad. Mar 2018 | Thrissur, Kerala

## LINKS

Mail:// shemil0055@gmail.com

Github:// shemil

LinkedIn:// shemilkumar

## COURSES

### UDEMY

- Node.js, Express, MongoDB Bootcamp
- Typescript 2023 edition
- Javascript Zero to Hero
- Python Bootcamp
- Java Beginner to Expert

## PROJECTS

### STAYHUB - HOME BOOKING WEBSITE | MERN STACK

Node.js | Express JS | MongoDB | React.js | Typescript | TailwindCSS | AWS

- Live website URL - <https://stayhub.shemilkumar.com>
- Built backend APIs to serve aggregated data to the frontend application using Express in Node.js with MongoDB for database management - *Documentation*
- Developed better user interfaces using multiple reusable components with React.js and TailwindCSS, along with Redux for state management
- Frontend and Backend fully written in TypeScript
- Implemented a secure authentication system using JWT and HTTP only cookie for backend API, ensuring access control and data protection
- Developed and utilized MongoDB aggregation pipelines to extract, transform, and analyze data
- Deployed in AWS EC2 instance server

### SHOPSPOT - ECOMMERCE WEBSITE | REACT.JS

React.js | Redux | Firebase | API integration | TailwindCSS | Git | Vite

- Live website URL - <https://shopspot-shemil.vercel.app>
- Designed and developed an e-commerce website from scratch using React.js, Redux and Firebase for the backend database.
- Implemented shopping cart feature, robust search and filtering functionalities to browse product catalog, including multiple sorting options
- Created a user account creation and login system for secure access
- Ensured responsive design for mobile devices and included a dark mode feature for better accessibility.

### BLACKJACK - WEB GAME | JAVASCRIPT

Vanilla Javascript | ES6 | HTML | CSS | Git | Parcel

- Live website URL - <https://blackjack-webgame.netlify.app>
- Developed a web-based online adaptation of a popular casino game Blackjack, using vanilla JavaScript, CSS and HTML.
- Utilized object-oriented programming principles such as classes and objects to create a scalable and maintainable game architecture.
- Implemented responsive design to ensure the game could be played on any device, from desktops to smartphones and used Parcel for bundling.

## EXPERIENCE

### TATA CONSULTANCY SERVICES | PROGRAMMER

May 2021 - Present | New Delhi

- Conducted geospatial analysis to support decision-making processes and improve business performance.
- Provided technical support and training to end-users on GIS software and applications.
- Received recognition as Best Performer of the month for outstanding performance and contribution to the team success.