

# SAHIL SHRIVASTAVA

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## Work Experience

### Co-founder and Engineering [[ZOOP](#)]

Present

- Developed a platform using MERN Stack that prioritizes fostering deeper engagement among communities of people who share common interests, with its fundamental principle being peer discovery.
- Build and scaled the user-base to **2000+ users**, with approx **200 active** users consistently engaged from 10 different countries like USA, Germany, Canada and more.
- Spearheaded the conceptualization and roll-out of the ZOOP app available on the Google Play Store, as a Progressive Web App (PWA) crafted with Bubble wrap achieving **800+ downloads** within the first month of launch.
- Integrated sophisticated features such as real-time chatting, real-time status updates, and social media functionalities powered by web-sockets technology, resulting in 80% user retention rate and 40% increase in user engagement.
- Spearheaded the conceptualization and roll-out of the ZOOP app, available on the Google Play Store and as a Progressive Web App (PWA) crafted with Bubble wrap

### Full-Stack Developer [[Rise-Bharat](#)]

Jan'23-Mar'23

- The job Finding Website is a comprehensive platform built by **MERN** stack to provide an interactive and user-centric marketplace for finding jobs for Blue Collar workers.
- Created and deployed 20+ back-end APIs using Node.js and Express.js, along with MongoDB for efficient data storage and retrieval, ensuring scalability and performance.
- User Authentication and Authorization: Secure user accounts, login, and registration functionality with role-based access control.

## Education

### Madhav Institute of Technology and Science, Gwalior, Madhya Pradesh, India

2021 - 2025

Computer Science and Design (CSD) | CGPA: 8.32

## Skills

**Client-Side:** HTML | CSS | JAVASCRIPT | REACT | MATERIAL-UI

**Sever-Side:** NODEJS | EXPRESSJS | MONGODB | MONGOOSE | MySQL | C++ | PYTHON

**Development & Operational:** GIT | POWER-BI | FIGMA | JIRA | MACHINE LEARNING

## Projects

### Natours App

[GitHub](#) | Present

- Sever Side Rendered Tour-Selling Website focusing on Scalability and Security with advance features such as email testing, payment gateway, modeling data Base in mongoose etc.
- Implemented Pug as the view engine for real-time and visually appealing content presentation, resulting in 25% faster page load times compared to traditional HTML rendering.

### Clone Of Google Search Engine

[GitHub](#) | Mar'23

- Fully functional Search Engine based on MERN technology. Used Reacts props, google search API, fire-base and state to manage data flow between component through Redux.

## Positions of Responsibility

### President [Institute of Electronics and Telecommunication Engineers] (IETE Student Forum)

Present

- Appointed as President to lead national-level student forum at Madhav Institute of Technology and Science, responsible for overseeing a team of 30 dedicated students.
- Led a team of 50+ students to organize and manage the IETE technical fest, coordinating 10+ seminars and 4 guest speaker sessions, which attracted 500+ attendees from 10 universities.

## Academic and Achievements

- Actively engaged in coding practice on various platforms, solve over 350 algorithmic and data structure problems on various platforms.