



# Mayank Kiran Khobragade

## Full Stack Web Developer

### PROFESSIONAL SUMMARY

Proactive Full Stack Web Developer with expertise in JavaScript and the MERN stack. Proficient in API design, NodeJS, and database management. Strong problem-solving skills, detail-oriented, and a collaborative team player. Dedicated to staying updated with emerging technologies and using Generative AI for innovative solutions.

### PROJECTS

#### 1. LearnHub - A Learning Management System | | Django | Python | Angular | TypeScript | PostgreSQL | Tailwind CSS | HTML5 |

- Developed a dynamic educational platform using Django, Python, and PostgreSQL
- Implemented AI-powered chatbot for personalized learning guidance
- Streamlined assignment management and instructor course management tools

#### 2. VidConnect : Video Chat Application | | HTML5 | CSS3 | Node.js | Express.js | JavaScript | MongoDB | socket.io | Redis

- Developed a user-friendly video chat platform using Node.js, Express.js, and socket.io.
- Implemented features like login/signup, room creation, and joining using Redis for efficient storage.
- Worked on both frontend and backend development, ensuring seamless integration.
- Utilized MongoDB for efficient database management and implemented message chat functionality.
- Kept up with the latest web development trends and technologies to enhance the application's development process.

#### 3. LaRange Clone | |

#### Node.js | Express.js | JavaScript | HTML5 | CSS3 | MongoDB

- Developed a user-friendly online shopping website specializing in plus-size women's clothing using Node.js, Express.js, JavaScript, HTML5, CSS3, and MongoDB
- Implemented login/signup functionality with user authentication, authorization, and role-based access control (RBAC) for enhanced security
- Implemented filtering, sorting, and search functionality for a seamless user experience
- Collaborated with product managers, designers, and other developers to ensure project requirements were met
- Stayed up-to-date with the latest web development trends and technologies to enhance the development process

### WORK EXPERIENCE

#### TERI - The Energy and Resources Institute

##### Associate Research Fellow

June 2017 - July 2017 (1 month)

##### Job responsibilities:

- Analytics of solar power rooftop net metering and analytical research and development of net metering of solar rooftop panels with the help of MNRE (Ministry of New and Renewable Energy).

#### Defence Research and Development Organisation (DRDO)

##### Associate Researcher

Dec 2016-Jan 2017 (1 month)

##### Job responsibilities:

- An Approach to Sustainable Development: Chemical Waste Management with the help of Bioremediation


#### India Meteorological Department, Mausam Bhawan Lodhi Research trainee


June,2015-July,2015 (1 month)

##### Job responsibilities:

- Qualitative & Quantitative Analysis of air pollutants: Surface Ozone over New Delhi and analysis of its health effects under Deputy Director General of Meteorology Environment Monitoring & Research Centre, Dr. S.K. Peshin.


### CONTACT

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### EDUCATION

#### Full Stack Web Development

Masai School, Bengaluru

Nov 2022 - Aug 2023

#### B.Tech (Environmental Engineering)

Delhi Technological University, New Delhi

Aug 2014 - July 2018

#### Higher Senior Secondary Education

Kendriya Vidyalaya Pragati Vihar, New Delhi

March,2013 - March,2014

### TECHNICAL SKILLS

JavaScript | Node.js | Express.js |

MongoDB | HTML5 |

Prompt Engineering | Django | Python |

Angular | TypeScript | React

### SOFT SKILLS

Effective Communication |

Adaptability | Problem Solving |

Attention to Detail

### INTERESTS

- Playing cricket

### CERTIFICATIONS

- [Prompt Engineering](#)

- [Full Stack Web Development](#)