

VISHRUTA PATIL

vishrutapatil2106@gmail.com [linkedin.com/in/vishruta-patil](https://www.linkedin.com/in/vishruta-patil) **Portfolio:** vishrutapatil.netlify.app

GitHub: github.com/Vishruta-Patil **Technical Blogs:** vishrutapatil2106.medium.com **Phone:** +91 7977952344

EDUCATION

Bachelor of Engineering in **Computer Engineering**, University Of Mumbai - **9.14 CGPA**

2019 – 2023

EXPERIENCE

Web Developer, Media.net

July 2023 – Present

- Worked on systems with highly scalable, low-latency environment & multi-region distributed cloud architecture
- Contributed to a high-performance pattern matching service using the **Aho-Corasick tree algorithm**, achieving a throughput of **300k QPM** and **optimizing response time by reducing it by 6ms**.
- Contributed to the core keyword service, which serves ads based on keywords, handling a **peak QPM of 140k with a response time of 2ms**.
- Developed & designed end-to-end dashboards & interfaces using React for mapping videos based on patterns, categories, and titles in video-ad serving, overseeing the **entire development process** from concept to deployment. These interfaces were utilized for various operations, analytics, and monitoring purposes.
- TechStack - Java, JavaScript, React, SQL, Redis, Aerospike, Django, Php, Kafka, Docker

Software Engineer Intern, SALT (YC W'22)

October 2022 – January, 2023

- Developed **scalable, optimized & maintainable** advanced banking applications using **TypeScript & Nextjs**
- Built **Paper Do** - one-click solution for legal documents using **Reactjs, Nodejs, Redux, Material UI**.

Software Developer Intern, neoG Camp

June 2022 – August 2022

- Responsible for reviewing **300+ projects** in accordance with **code quality**, fixing technical issues, testing applications

Software Developer Intern, Khelgully Gaming Private Limited

October 2021 – March 2022

- Developed and implemented an **end-to-end admin panel** and careers Page of Khelgully's official website using **Reactjs, React-Router, Redux, Material-UI**.
- Maintained the admin panel which handled **more than 200 tournaments per day** by implementing new features used for **monitoring different metrics** of the system for improved visibility that **increased engagement by 25%** and helped in scaling it to over **65000+ users**
- Integrated features in the panel for tracking the upcoming & released games of different stages and types, managing the data, mapping price structure & winners, and shipping the transactions to sponsors, organizers & winning players.

Web Developer Intern, Techq konnect

June 2021 – August 2021

- Responsible for developing frontend and backend of web applications and integrating **multiple machine learning models** and **payment gateway integrations** using **RazorPay Payment Gateway** in the web app.
- Used **React & Nodejs** at a scale to build devtools & products. Also worked on building **database** using **MongoDB, MySQL**.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, C/C++

Front-End: HTML5, CSS, JS, Reactjs, Redux, Nextjs

Back-End, Database: Java, Redis, Nodejs, SQL, MongoDB

Libraries: kafka, Jest, Jmeter, Webpack, Material UI, Tailwind CSS

PROJECTS

WASP (Web Accessibility Starter Pack) | JavaScript, ReactJS, Context API, React Router V6

- WASP is a tool to help developers to build accessible websites & help them to know the importance of **web accessibility**
- **Tools:** Contrast ratio checker of colors that qualify **WCAG2**, dev mode to check responsiveness in different devices with orientation feature, Web metrics to test **Performance, SEO, & Accessibility**, Font Pairings that qualify WCAG2 standards

magniZent Wired | TypeScript, ReactJS, Redux, React Router v6, Tailwind CSS, Firebase

- magniZent Wired is a social media web app to stay connected with family, friends and acquaintances.
- **Features:** Create, Edit & Delete posts, Like & Comment posts, User feed, Explore feed, Filter posts (latest, oldest, trending posts), Follow/Unfollow users, Bookmark Posts, User Profile, **Search User by debouncing**, Share Post, Dark Mode, Auth

magniZent TV | NodeJs, ReactJs, Express, MongoDB, Mongoose, React Router v6

- magniZent TV is the perfect platform for Astrophile to watch unlimited Astronomy, Space and Universe related videos
- **Features:** Filter Videos based on different categories, Like/Dislike Videos, Playlist management, Watch-list management, Watched History, Authentication

AWARDS

- Secured **1st Rank out of 100+ teams** in the HackneoG'22 Hackathon conducted by the neoG camp

- Smart India Hackathon'22 **Finalist out of 30,000 teams** conducted by the Government Of India

- Secured **2nd rank out of 200+ participants** in the competitive programming domain conducted by the GirlScript Uplift project