Kanishk Singh

Frontend Developer

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Jaipur, India | LinkedIn | GitHub | Twitter

🎓 Education

Aston University
MSc Business Analytics

Jan 2021 – Jan 2022
Birmingham, United Kingdom

Award: Distinction

SRM University
Btech Automobile Engineering

Jul 2016 – Jun 2020 | Chennai, India

Award: First class with distinction

🧠 Skills

ReactJS | Next.js | Redux | JavaScript

TypeScript | NodeJS | MongoDB

ExpressJS | Git | HTML5 | CSS3

RESTful APIs | SQL | Docker | GraphQL

SASS | Python | Django

🧩 Leadership Experience

Team Captain & Head of Vehicle Dynamics
Formula Student

Aug 2016 – Sep 2020 | Chennai, India

Leadership, **management**, mentorship, **collaboration** and **innovation** in a **startup-like environment**.

- **Web Interface Development:** Developed an interactive **web interface** using Javascript to link with engine ECU for remote engine tuning.
- **Engineering:** R&D, designing and fabrication, and testing of 3 race cars with a **team of 35 people**.
- **Leadership: Captain responsibilities,** Supervised operations in the development of 3 race cars.
- **Management:** Fetching sponsors, shipping, resources management, recruitment, mentoring and training, coordinating with a team of 35 people.
- **Successfully** shipped the car to the **United States** and **finished 2nd** in 3 out of 4 competitions over 4 years.

📁 Projects

Yelpcamp
MERN stack - MongoDB, Express, ReactJS, NodeJS

- **CRUD operations:** Add, edit, view & delete your campgrounds and post reviews.
- **Self hosted Auth:** User **register**/**login**, **email verification**, managing user permissions.
- **Secure passwords:** Secure password storing using **SHA256 hashing** and **salt**.
- **HTML sanitisation**: Form sanitisation to prevent database tampering by hackers.
- **REST APIs:** Integration of **3rd party APIs**.

Blogpage
React, CMS, NodeJS, GraphQL

- Web app built using **Gatsby**
- **GraphQL** querying for **dynamic data**
- Integration with **Contentful CMS** (content management system).
- Other features**:** Custom **404 page**, **SASS** styles

💼 Professional Experience

STARTWITH BASICX PVT LTD
Frontend Developer

Jun 2023 – present | Jaipur, India

Driving Frontend Development while also spearheading server handling and DevOps operations

- Develop and maintain React web apps for clients with 500k+ users.
- Deploy said apps on Tomcat server using Apache Maven.
- Handle multiple app deployment, load balancing, reverse proxying.
- Automate deployment using CI/CD pipelines.
- Ensure cross browser functionality.
- Tech proficiency - React, Next.js, typescript, Node.js, Express, MongoDB JQuery, Nginx, HTML, CSS, WSL
- Tool proficiency - Git, Postman, GitHub Actions, Jira, Docker, Jest, Figma

Government of Delhi
Software Engineer

Mar 2022 – May 2023 | Delhi, India

- Independently developed a comprehensive application for the efficient tracking and management of MLA Local Area Development (LAD) funds, leveraging Django and React.
- Architected a secure and efficient backend with Django, ensuring robust data processing capabilities.
- Crafted a responsive and intuitive frontend using React, significantly improving user interaction and accessibility.
- Enhanced fund management transparency and operational efficiency through innovative software solutions.
- Demonstrated proficiency in creating scalable, high-performance web applications, contributing significantly to impactful and civic-oriented software development projects.