Kanishk Singh

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EXPERIENCE

Software Developer — June 2023 – Present
STARTWITH BASICX — *Jaipur, India*

- Develop and maintain React/Express/Node.js web apps with **500k+ users**
- Handle multiple **app deployment** on a single Tomcat server, **load balancing**, **reverse proxying**
- Automation using **CI/CD** pipelines
- Tech proficiency - React, Next.js, typescript, Node.js, Express, MongoDB, JQuery, Nginx, HTML, CSS
- Tool proficiency - Git, Postman, GitHub Actions, Jest, Docker, WSL, Jira, Figma

Software Engineer — Mar 2022 – May 2023
Government of Delhi — *New 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

PROJECTS

YelpCamp ⬈ | *MERN stack - MongoDB, Express, ReactJS, NodeJS*

- **Full stack** web app with **CRUD** operations for campgrounds, reviews, and users
- In-house **authentication logic** for user signup/login, email verification, and user permissions
- Secure password storage with **password encryption** using SHA256 algorithm
- **Security features** such as HTML sanitization, strict content security policy (CSP) etc
- Integration of **external APIs/libraries** such as MapBox, and Cloudinary (cloud-based image/video management)

EZ Blogger ⬈ | *React, Contentful CMS, NodeJS, GraphQL*

- Web app built using Gatsby/React
- **GraphQL querying** for dynamic data
- Integration with CMS (**content management system**) for easy blogging with support for images, videos, rich text
- Other features: Custom 404 page, SASS styles

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, GraphQL, HTML/CSS
Frameworks: React, Next.js, Node.js, Django, Tailwind CSS
Developer Tools: Git, Docker, React Devtools, Postman, MongoDB, GitHub Actions (CI/CD), Jest, Figma, Jira
Libraries: Express.js, Redux, JQuery

EDUCATION

Aston University — Birmingham, United Kingdom
Master of Science in Business Analytics — *Jan 2021 – Jan 2022*

SRM Institute of Science and Technology — Chennai, India
Beech in Automotive Engineering — *Aug 2016 – Jul 2020*