

SAURABH GUPTA

Software Development Engineer (SDE) | CS Mock | IIT Kharagpur | Immediate Joiner

Bangalore | 9450174026 | saurabhguptait27@gmail.com | [LinkedIn](#) | [Portfolio](#) | 2+ yrs of exp

WORK EXPERIENCE:

CS Mock | Software Development Engineer | March 2022 – April 2024 | Noida, India

- Platform Development: Led the architecture and co-development of one major internal platform and three external platforms tailored for distinct use cases: internal operations, industry experts, jobseekers, and partners. This initiative enhanced operational efficiency and stakeholder engagement.
 - Algorithm Engineering: Developed a backend scheduling algorithm that optimizes candidate-interviewer matchups based on over 19 parameters, achieving a 99th percentile latency of 102ms. This includes an integrated notification system enhancing real-time communications.
 - Performance Optimization: Implemented Webpack for bundling and Babel for cross-browser compatibility, reducing load times by 300 ms. Utilized code splitting and lazy loading to improve resource management by 120 ms. Emphasized UX/UI and responsive design, boosting user satisfaction by 40%. Conducted code optimization, enhancing performance by 10% through efficient refactoring.
 - Technical Proficiencies: Proficient in Frontend Development with familiarity in Python, Java(Spring Boot), MySQL, OOP, Redis, Nginx, Socket.io, CronJob, GraphQL, AWS, Cloud, SDLC, Docker, Kubernetes, Jenkins(CI/CD) and Agile(Scrum).
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PROJECTS AND CERTIFICATIONS:

CSmock | Fullstack Project | April 2024 | [Project Demo](#)

- Redeveloped a streamlined version of the **CSmock application** as a hands-on project. **Repositories**: [Frontend](#) and [Backend](#).
- Implemented robust user authentication and authorization to secure access, and optimized backend operations to enhance performance and reliability.

nextmeet | Next.js Project | June 2024 | [Project Demo](#) [Repository](#)

- Built with Next.js, nextmeet is a video conferencing tool that enables users to securely log in, create meetings and access various functionalities like recording, screen sharing and managing participants.

Javascript Foundations Professional Certificate – Mozilla | [Certification](#) | June 2024

Programming with Python Professional Certificate – OpenEDG | [Certification](#) | June 2024

Docker Foundational Professional Certificate – Docker | [Certification](#) | June 2024

EDUCATION:

- IIT Kharagpur | M.Tech | July 2019 – June 2021 | CGPA: 7.4
 - JSSATE Noida | B.Tech | July 2014 – June 2018 | PC: 76%
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SKILLS:

HTML5, CSS3, SASS/SCSS, Tailwind, Javascript(ES6+), TypeScript, React, JSX, Functional Components, Progressive Web Apps (PWA), Single Page Applications (SPA), React Router, Hooks, State Management, Redux Toolkit, Context API, React Query, React Hook Form/Formik, yup/zod, Axios/Fetch, Next.js, Testing(Jest), SEO, Debugging, Node.js, npm/yarn, Express.js, MongoDB, RESTful APIs, Version Control (Git).