SAHIL SHAIKH

Full Stack Software Engineer / Developer

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SUMMARY

A highly skilled Full Stack Engineer with over 3 years of professional experience in both frontend and backend development. Proficient in technologies such as React.js, Node.js, Next.js, MongoDB, MySQL, and AWS with expertise in building scalable, high-performance applications. Holds a Master's degree in Information Technology (specializing in Software Engineering) with Distinction from Leeds Beckett University, UK. I have full-time right to work in the UK.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, Php, Python, C++
- **Frontend**: React.js, Next.js, Redux, HTML, CSS, Bootstrap, Materialize, D3.js, Chart.js
- **Backend**: Node.js, Express.js, GraphQL, Socket.io
- **Databases**: SQL, MongoDB, MySQL, PostgreSQL
- **DevOps**: Docker, AWS, Redis
- **Developer Tools:** Git, Github, Github Actions, Visual Studio, Postman

EXPERIENCE

Amazon - Associate (Part-time), Leeds, UK **(June 2023 - Present)**

- Collaborated with cross-functional teams to streamline workflows, enhancing operational efficiency and **reducing error rates by 8%.**
- Trained new associates on process, safety, and quality assurance protocols, leading to improved productivity and adherence to quality standards.

Triviagate.com, Blackfridaydealspoint.com - Founder **(July 2022 - May 2023)**

- Developed and managed my own website business where I was responsible for website development, server deployment, content creation, SEO optimization, digital marketing, and business operations.
- Managed SEO strategies (on-page and off-page) and actively promoted the website across social media platforms, resulting in **increased traffic and visibility by 105% during Q4 of 2022**.
- Maintained partnerships through regular email communication and identified new business opportunities to enhance website growth.
- **Hired and managed 4 content writers** to ensure that the website content aligned with business objectives and industry trends.

Geek Web Solution - Full Stack Engineer **(June 2020 - June 2022)**

- Led the migration of a high-traffic cryptocurrency aggregator website from PHP to the MERN stack, increasing performance and **scalability for over 3 million monthly users**.
- **Directed a cross-functional team of 5 (developers and designers)** using Agile methodologies, improving project delivery **efficiency by 30%** and enhancing team collaboration.
- **Managed full development lifecycle:** backend, frontend, database implementation, and cloud deployment to a dedicated server, ensuring seamless integration and system stability.

- **Increased site speed by 15% following Google Core Web Vitals guidelines**, directly enhancing user experience and retention rates.

iSmart Technologies - Web Developer **(Jan 2018 - June 2018)**

- Designed and developed a home services web application for a client, enabling users to discover and book nearby handymen.

EDUCATION

- **Master of Science (MSc.) IT (Information Technology) | Leeds Beckett University, UK**
  Grade: 71% - Distinction *(Jan 2023 - June 2024)*

- **MCA (Master of Computer Application) | Gujarat Technological University (GTU)**
  CGPA: 8.50/10 *(July 2018 - May 2020)*

- **BCA (Bachelor of Computer Applications) | Veer Narmad South Gujarat University**
  CGPA: 7.8/10 *(June 2015 - May 2018)*

PROJECTS

Digital Coin Price
Project Link: This project was a cryptocurrency aggregator website which includes A to Z features from tracking live cryptocurrency price to managing crypto portfolio.

Graphical Programming Language (GPL)
Project Link: This project is like a custom programming language, which allows users to write programs to draw different shapes using variable, expression, if condition, while loop, methods, syntax checking, multi threading and much more.

Trivia Game Website
Project link: This site was developed as my side project. I built this site using the MERN stack and Next.js framework was used. I did SEO on this website including on page SEO and off page SEO.

ACADEMIC RESEARCH

Comparative Analysis and Performance Evaluation Between MySQL and MongoDB

- As part of my MSc IT Dissertation, I conducted comprehensive research encompassing various aspects of database management.
- I designed and executed numerous experiments, each tailored to different scenarios, to evaluate and analyze performance disparities.
- Project Github Link

EXTRACURRICULAR ACTIVITIES

- **Website & SEO:** I have been building and managing my own website and did SEO to attract visitors to my sites.