Saifali Kalkeri

Software Developer

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LinkedIn | GitHub

EDUCATION

KLE Technological University   *Hubli, India | Nov 2022 – July 2025*
B.E in Computer Science   CGPA: 7.19

EXPERIENCE

TATA | Data Visualization: Empowering Business with Effective Insights   *Remote, India | Nov 2024*

- Delivered a project creating impactful data visualizations, improving reporting efficiency by 20
- Strategically developed and presented questions for client senior leadership meetings, streamlining discussions on key business challenges, reducing decision-making time by 30
- Designed three interactive visuals to support data analysis, enhancing executive decision-making processes by 15

AWS APAC Solutions Architecture Virtual Experience Program   *Remote, India | Nov 2024*

- Engineered a simple and scalable hosting architecture using AWS Elastic Beanstalk, cutting hosting costs by 20
- Authored and delivered a deployment guide utilized by five teams, enhancing system scalability to handle significant growth, improving operational performance by 40
- Optimized system architecture, reducing response times by 30

TECHNICAL SKILLS

- Programming Languages: C/C++, Python, Java, Solidity
- Web Development: ReactJS, JavaScript, Spring Boot, Blockchain, GitHub
- Cloud Platforms and Databases: AWS, MongoDB, Kubernetes, MySQL, Oracle, H2 Console
- Core Knowledge: Data Structures and Algorithms, Database Management, Cloud Computing, Machine Learning
- Methodologies: Agile Development, API Integrations, Deployment Pipelines

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PROJECTS

Google Keyword Cost-Per-Click Analyzer

- Designed and developed a tool to analyze Google keyword cost-per-click, optimizing ad budgets and boosting ROI by 25 percent.
- Integrated Google AdWords API to dynamically generate keyword insights, improving marketing efficiency by 30 percent.

Technologies Used: JavaScript, Node.js, Google AdWords API

WaterAid (SDG6 Project)

- Built a donation platform facilitating over one thousand transactions, promoting sustainability through clean water initiatives.
- Enhanced donor engagement by 40 percent using secure and user-friendly payment gateways.

Technologies Used: ReactJS, Spring Boot, JavaScript

ACHIEVEMENTS

- Collaborated on and published a research paper titled *"Google Keyword Cost-Per-Click Analyzer"* in IEEE Xplore, showcasing expertise in data analysis and keyword optimization, which contributed to a 25
- Awarded the **Generative AI Google Cloud Badge** for demonstrating advanced proficiency in generative AI technologies, cloud-based development, and innovative application design.
- Successfully completed the **Software Engineer Intern Certification** on HackerRank, showcasing mastery in software development methodologies and technical competencies.

CERTIFICATIONS

- AWS Cloud Practitioner Essentials – AWS.
- Data Visualization: Empowering Business with Effective Insights – Forage.
- Docker and Kubernetes – Infosys Springboard
- Networking Basics – Cisco.
- Cisco Packet Tracer Training – Network simulation and troubleshooting.

AREAS OF INTEREST

- Data Analytics.
- Web Design and Development.