Sikandar Kumar

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Education

National Institute of Technology Warangal, Telangana
Master of Computer Application (MCA)

Aug 2021 - Jun 2024
7.39 CGPA

S.P Jain College (VKSU University), Ara, Bihar
Bachelor of Computer Applications (BCA)

Aug 2017 - May 2020
74%

S.S College (VKSU University), Ara, Bihar
Higher Secondary School

Apr 2016 - Apr 2017
71%

High School, Ghar Nokha, Bihar
Secondary School

Apr 2014 - Apr 2015
71%

Experience

City Union Bank LTD
Professional Services

November 2024 - Present
Chennai, India

Project: *Infrastructure Automation*

◇ Designed and implemented RESTful APIs using Postman to facilitate seamless application communication and integration.

◇ Administered server management and patching using Endpoint Central to strengthen security and system reliability.

◇ Designed and deployed enterprise servers on the Nutanix and VMware infrastructure based on user requirements, ensuring scalability and performance.

◇ Hardened servers using Tenable, aligned with RBI audit hardening guidelines to ensure compliance and enhanced system security.

◇ Implemented infrastructure security controls using Arcon and Endpoint Central, allowing real-time threat detection and security analytics.

◇ Worked closely with stakeholders to gather business requirements and deliver infrastructure solutions aligned with organizational goals.

◇ Optimized SQL queries for relational database management systems (RDBMS), improving data retrieval performance and efficiency.

◇ Managed and maintained Linux server environments, ensuring high availability, security, and compliance with industry standards.

◇ Collaborated with team members to troubleshoot issues, manage servers, and implement reliable solutions for seamless operations.

◇ Enhanced team productivity by implementing effective communication strategies and time management techniques.

Technologies: Java, Nutanix, Endpoint Central, VMware, Postman, API Development, SQL, RDBMS, Oracle, Networking, Linux, Troubleshooting.

Projects

FilxtHub

Sep. 2024 - Ongoing

Developed a Service booking website for customers with seamless booking options, and for workers with easy job opportunities, with robust security, intuitive user experience, secure transactions.

GitHub Repo

* **Tools & technologies used:** MERN (MongoDB, Express.js, React.js, Node.js), AG Grid, AG Charts, JWT, Nodemailer, Rate Limiting, Google Map API, Stripe API, Spring Boot, AWS S3, MongoDB.

◇ Leveraged the MERN stack for robust and scalable development, utilizing MongoDB for database management, Expressjs for the back-end server, Reactjs for dynamic front-end and Nodejs for server-side logic.

◇ Implemented secure authentication with role-based access and forgotten password functionality via email OTP verification.

◇ Customized AG Grid and AG Charts for enhanced UI and data interaction.

◇ Integrated all back-end APIs with stringent security measures, including rate limiting and logging, to ensure data integrity and protection against potential threats.

◇ Designed an efficient search functionality, enabling customers to seamlessly find available workers.

Personal Portfolio

Jan. - Apr 2021

Crafted an interactive portfolio website that showcases my skills and achievements, optimized for multiple devices.

GitHub Repo

* **Tools & technologies used:** React, React router, HTML, CSS, JavaScript, GitHub.

◇ Developed a responsive Single-Page Application for mobile and a Multi-Page Application for desktop.

◇ Incorporated eye-catching hover effects, shadowing, and enabled smooth navigation with 0 refresh rate.

◇ Integrated EmailJS for efficient direct contact within the website.

◇ Provided a manual theme-switching feature to enhance the user experience.

Foodiago

Nov. - Dec. 2023

Developed LeetCode Rating Predictor using LSTM for accurate contest performance forecasts.

GitHub Repo

* **Tools & technologies used:** : Reactjs, NodeJs, ExpressJs, React Redux, oAUTH, MongoDB, Tailwind CSS, Stripe API.

◇ Implemented a routing system using React Router that enables page transitions with zero refresh.
◇ Designed a cart system using React and Redux, with categories to manage different food items.
◇ Integrated MongoDB for optimized data storage, high-performance queries, and seamless CRUD operations.
◇ Designed a secure banking transaction system with Stripe API integration, providing reliable payment processing and robust admin authentication controls

Other Projects
- **Authentication** ⧉ **:** Developed auth authentication with OTP verification.
- **Weather Forecast** ⧉ **:** Developed a weather forecast application that displays real-time weather updates based on location.
- **Calculator** ⧉ **:** Created seamless classic calculator using HTML and CSS.

Technical Skills and Interests

Languages & Frameworks: C++, Python, Java, JavaScript, SQL, React.js, Express.js, Fast-API, Rest-API
Cloud & DevOps: AWS (EC2, S3 etc.)
Developer Tools: Git, GitHub Actions, MongoDB, MySQL, Postman, Nutanix, Endpoint Central, Tenable
Soft Skills: Leadership, Teamwork, Communication, Critical Thinking, Documentation
Areas of Interest: Full-Stack Development, DevOps, Cloud Computing, Data Science, Troubleshooting

Relevant Coursework

–Data Structure	–Web Technologies	–Oops(Java/C++)	–Cloud Computing
–Database Management	–Operating System	–Computer Networking	–SDLC & LLD

Certifications

- ManageEngine Certificate   *Certificate*
- Problem Solving (Basic) Certified   *Certificate*
- Problem Solving (intermediate) Certified   *Certificate*
- SQL Query Certified   *Certificate*

Achievements

- 3rd Position in QFiesta IGNOSI 22', organized by NIT-Warangal.
- 4th Position in Coding Cauldron Online VERSION 23', organized by NIT-Trichy.
- 7th Position in Event MOTHRA - VERSION '21, organized by NIT-Trichy.
- 15th Position in TriNIT Hackathon.

Coding Platform Profiles

LeetCode(sikandarsahilkumar) : Over 1100+ DSA problems solved, 50 contests participated, 1650+ rating, Under 15% top participant.
GFG(sikandarsahilkumar) : Over 650+ DSA problems solved.
HackerRank(sikandarsahilku1) : Achieved 6 Star (Problem-Solving) , 5 Star (C++), 6 Star (Python), 3 Star (Java)