Aman Rawat

Saket Block Mandawali 14/15, Delhi 110092 ☐ Cell: 8743879452 ☐
rawataman426@gmail.com

Professional Summary

Software Engineer with 2+ years of experience in full-stack development, specializing in creating scalable solutions and engaging user interfaces. Skilled in designing, developing, testing, and maintaining software solutions. Adept in front-end and back-end technologies to deliver quality and performance-oriented products.

Skills

- Node.js
  - Express.js Framework
- Python
  - Flask
- Database management (MySQL, PostgreSQL, SQLite, MongoDB)

- Graph Database (TigerGraph)

- React.js
- Vue.js
- Grafana
- Knowledge in API Document Tool Postman
- Working knowledge of GIT version control
- Innovative
- Troubleshooting and debugging
- Fast Learner
- Ability to work in team

Work History

Electron Bridge – NOIDA, Uttar Pradesh
Associate Full Stack Developer   April 2022 to Current

- **Dashboard For Root cause analysis for 4G telecom network:**
  - Created web-based dashboard using Flask as backend for easy interaction for user with findings including graphs/charts/Tables.
  - Implement user authentication and authorization using JSON Web Tokens (JWT) to ensure the security of user data.
  - Develop API endpoints for user registration and login to facilitate user access.

- Create an admin panel with features for managing user roles and permissions.

- **Ease Of Logistics – GOI project:**
  - This platform enabled exporters to directly connect/query with transporters (shipping line etc.) and vice-versa with various other features.

  - Client-side application written in Vue.js for Indian Govt project related to FIEO EXIM platform – Ease of Logistics.

  - Responsible for enhancing the user interface (UI) to ensure an intuitive and user-friendly experience.

  - Create new APIs to support the evolving needs of the platform, enhancing its versatility.

- **Twin Digitalization and Radio Network Propagation:**

  - Digital twins play a crucial role in the design and advancement of wireless networks, offering a safe environment for testing new solutions and implementing validated improvements.

  - Utilizing open-source mapping data from OpenStreetMap, simulate radio propagation scenarios considering different material types such as roads, buildings, and terrain.

  - Implement Flask API endpoints to facilitate the addition of transmitters, receivers, and path tracing, providing a visual representation of network coverage maps.

- **Dashboard For Distributor Supply Chain:**

  - Developed a Grafana dashboard to visualize supply chain data by integrating TigerGraph through a Node.js server, avoiding direct user interaction with TigerGraph.

  - Designed a Node.js backend to fetch, filter, and serve supply chain insights based on user inputs for start date and number of days, enhancing data accessibility and usability.

  - Created custom dashboard charts in Grafana to represent supply chain components ('Supplier,' 'Warehouse,' 'SKU,' 'Customer') and track data from supplier to customer in a seamless flow. Create new APIs to support the evolving needs of the platform, enhancing its versatility.

  - Provided a user-friendly interface in Grafana with input fields for start date and duration, allowing users to view supply chain data over a specific time range

without handling TigerGraph directly.

- o Simplified complex TigerGraph interactions, enabling non-technical users to gain valuable insights into distributor supply chain operations through an intuitive dashboard.

Education

Bachelor of Science, 2023
IGNOU, Delhi