Tufail karim

LinkedIn | GitHub

Address: Bengaluru, Karnataka, 560048 India
Email: tufailkarimkhan@gmail.com | Mobile: 75498 32117

BACKEND DEVELOPER

Delivered scalable solutions that **enhanced application performance by 20%**, leveraging **3 years and 5 months of experience** in developing solutions across **Education**, **E-Work**, **Legal**, **HRMS**, and **Financial domains**. Proficient in **JavaScript**, **TypeScript**, **Java**, **Node.js**, **Spring Boot**, and database management with **MySQL** and **MongoDB**. Managed Linux servers, **improving system reliability by 20%**, and utilized tools like **PowerApps**, **Power Automate**, **SharePoint**, and **GCP** to build efficient, secure applications. Developed solutions that **reduced system downtime by 70%**.

TECHNICAL SKILLS

Languages	:	JavaScript, Typescript, Java, HTML, CSS
Frameworks	:	Node.js, Express.js, Nest.js, Spring Boot
Databases	:	MongoDB, Mongoose, TypeORM, MySQL, Sequelize, PostgreSQL, Redis
Deployment	:	Linux, GCP, Docker, Git, CI/CD, Jenkins, CircleCI
Management	:	Agile, Jira, Kanban, Miro,Scrum
Power Platform	:	PowerApps, Power Automate, SharePoint

WORK EXPERIENCE

Software Engineer   09/2022 – Present
Mindnerves Technology service Pvt.Ltd (Deputed to BSH Home Appliances India)   *Bengaluru, Karnataka, India*

- Built **Role-Based Authentication** with secure user authentication and admin-approved login for new users, ensuring 99% enhanced security, using Node.js, Express.js, and React.
- Sent **automated case notifications** to lawyers a week before hearings (excluding weekends) and maintain litigation history, reducing missed hearings and **cutting legal team effort by 30%**.
- Refactored code and optimized database queries to **reduce average response time by 30%.**
- Designed a **Multi-Level Approval Workflow** for dealership requests, **reducing processing time from a month to 10–15 days** by streamlining approvals based on credit days.
- Integrated DocuSign for e-signatures in dealership approvals, **reducing signature processing time from 4–5 days to just 1 day**, using Node.js and Express.js.
- Configured a secure Linux server, **reducing vulnerabilities by 70%** and ensuring compliance while protecting customer data.
- Developed an E-Work Permit feature for **Chennai factory users** to track overdue permits, enforce timely inspections, and **prevent 80–90% chances of disasters**, using Java, Spring Boot, PostgreSQL, and React.
- Utilized **Google Cloud Platform (GCP) VM Instance** for deployment and **Using Cloud Storage** for secure and efficient file and image management, Providing a scalable and reliable infrastructure for seamless application hosting and multimedia content management.
- Constructed the **Vendor Resume Tracking module** to streamline hiring and track vendor performance, **reducing 15% of HR team effort** in maintaining candidate resume details., using Java, Spring Boot, MySQL, React.js, and Material-UI.
- Streamlined price assessments in the Pricing Evaluation application, **improving efficiency and accuracy by 100%** with automated workflows and an intuitive interface using Power Apps and SharePoint.
- Orchestrated the Disposal Application to automate and streamline the **asset disposal process in Thailand**, ensuring 100% compliance using Power Apps, Power Automate, and SharePoint.

Web Developer   01/2022 – 08/2022
Qodestek   *Gandhinagar,Gujarat , India*

- Designed a **high-performance RESTful API** for efficient data exchange, resulting in a 20% reduction in data transfer time.
- Integrated **Sentry for exception monitoring** using Node.js Nest.js, enabling 100% automatic error reporting to Microsoft Teams.
- Implemented a **login system with Keycloak (OpenID Connect)**, offering 100% compatibility with Gmail, Microsoft Teams, Facebook, and mobile number logins.

- Constructed a **global try-catch** mechanism in **the Skill India application** using Node.js and Nest.js for automatic exception handling, **reducing code repetition by 10%** and ensuring 100% consistent, maintainable error management.
- Create 20+ RESTful APIs for **the Skill India Application** using Node.js and Nest.js, enabling functionalities such as user registration, login, Aadhaar verification, sector search, apprenticeship lookup, and more.

EDUCATION

Indira Gandhi National Open University   New Delhi, India
Bachelor's in Computer Application   06/2015 – 06/2018

Indira Gandhi National Open University   New Delhi, India
Master's in Computer Application   06/2018 – 12/2020

PROJECTS

WARD PROBLEM SOLUTION SYSTEM   *Node.js, Express.js, JavaScript, MongoDB, EJS, CSS, Bootstrap, HTML*

- The Ward Problem Solution System is a web application create to **systematically address 60% of ward-related issues** across multiple localities. It ensures cross-device compatibility with a responsive design and is **deployed on Google App Engine, using Cloud Storage** for seamless and optimized handling of files and images.

PLANT POPULATION SYSTEM   *Node.js, NestJS, TypeScript, MongoDB, Mongoose, CSS, Bootstrap, HTML*

- Formulated and implemented a system to monitor plantation and de-plantation activities within the society.

AWARDS ACHIEVEMENTS

- **Top Performer** of the Month award for developing and integrating the product offer module
- **Reduced server costs by 35%** by switching from performance disks to balanced disks, aligning storage performance with application requirements.
- Acknowledged for troubleshooting and resolving multiple **critical business** issues

CERTIFICATIONS

- Udemy Certified: Node.js Developer
- Udemy Certified JavaScript Developer
- Coursera Certification: Learning how to Learn