Mayank Shukla

Software Engineer

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TECHNICAL SKILLS:

- **Frontend -** JavaScript, React.Js
- **Programming Language -** Python (Flask, Django)
- **Web Technology:** HTML, CSS, JSON, XML
- **Database -** SQL [MySQL] certified by NPTEL IIT Kharagpur.
- **Cloud -** Microsoft Azure Certified [AZ 104, AZ 900]
- **Other:** REST API Architecture, AGILE Methodology, Object Oriented Programming (OOPs), SDLC, Version control system (GIT & Github), Defect Tracking tool (Jira), design platform (Figma, Photoshop PSD & Zeplin)

EXPERIENCE:

Full Stack Software Engineer (SE) - TATA Consultancy Services — (*Jan 2021 - Present*)

- Promoted to the TCS Digital Cadre, a distinction granted only to the top 3% of associates, earning the **recognition as Hi-Talent**.
- Software Developer with over 3 years of experience, delivered **40+ sites** to globally distributed clients across **20+ countries.**
- Received appreciation for exemplary performance in delivering **20 microsites in a span of 2 months**.
- Finalized the development of a 3-month project within 1 month and **Achieved 100% Customer Satisfaction Index**.

PROJECTS:

Pfizer HealthCare

Tech Stack: React Js, Redux, JSX, JSON, XML, JavaScript, Python, HTML, CSS, Agile.

- Developed a fully responsive SEO compatible web application using React.js, HTML, CSS, JavaScript and Python, **achieving 100% mobile-friendliness rating.**
- Collaborated with cross-functional support teams to develop and deliver software product releases with **0 post production issues**.
- Worked on gathering client requirements, developing, testing, troubleshooting, and releasing for UAT in the JIRA application using Agile methodology **maintaining 100% on-time project deliveries.**
- Participated in architecture discussions with all stakeholders, contributing ideas that led to the adoption of new technologies, resulting in a **20% increase in overall efficiency.**
- Integrated microservices via JSON files, optimizing API calls and enhancing site functionality, introduced performance optimization strategies improving overall application performance, **resulting in 40% reduction in load time.**
- Having experience of **Leading and guiding a team of 8+ associates** for the development applications for the entire APAC and Middle East region.

[Link] **Progressive Media Gallery App — Full Stack** Frontend and Backend Development

Tech Stack: React Js, Redux, JSX, JSON, JavaScript, HTML, CSS, API Integration, PWA, Firebase Firestore.

- A CRUD operation based Web App with Firebase backend As a Service and 100% reusable React components in JSX with 100% all browser responsiveness.
- Integrated with Progressive Web Application (PWA) intended for **100% downloadable and working on any platform** with a standards-compliant browser, including desktop and mobile devices such as Android or iOS.
- Seamless integration with Google Firebase Storage & Firestore using API integration and authentication features **making it 100% security compliant.**

Service Request Solution Automation — Python Scripting Automation

Tech Stack: Python, Selenium, Webdriver, Openpyxl Library

- Implemented a Python script which fully automated the ticket record updation for a single set of fields in 0.5 seconds. **Achieved reduction of record update time from 7 min to just 30 sec per record.**
- Reducing overall manual effort from 231 hours to automated effort of 16.5 hours, **resulting in total cost saving of $ 5792 per year.**
- Increased customer **satisfaction from 80% to 100% leading to new business opportunities**.

Automation using Python Scripting — Python Scripting Automation

Tech Stack: Python, Web Scraping, REST API, Beautiful Soup & XLRD Library

- **Error Link Identification –** Created script identifying all error links across the entire site. Impacted in **reduction of unit testing time from 2 Days to 45 minutes.**
- **Bulk Image Compression –** Python script which compresses bulk images in a single click due to which reduced image size resulted in **fastening the site load time by 50%**.
- **Excel to JSON Converter –** Built a Python script that converts excel data to JSON file format, resulting in **automating the 100% manual task**.

EDUCATION:

BTECH Computer Science | Dr. APJ Abdul Kalam Technical University | Grade: First Division with Honors   *Aug 2016 - Sep 2020*

AWARDS:

TCS Innovation Pride Award || TCS Contextual Master || Certificate of Appreciation || TCS Codevita Qualifier 2019