BRIJESH BHALALA

Software Engineer

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📍 Bengaluru, India

in Brijesh Bhalala

⌗ https://github.com/brijeshbd

EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology,
M.Sc. (Information & Technology) 🔗
2020 – 2022 | Gandhinagar, India

Veer Narmad South Gujarat University,
B.Sc. (Information & Technology) 🔗
2017 – 2020 | Surat, India

PROJECTS

Question Paper Generator
Mar 2020 – Jun 2020
- **Designed** a web application that efficiently produced randomized descriptive **question papers** in **PDF format,** resulting in a notable **40% decrease** in **time spent** on paper creation.
- Strategically orchestrated the **seamless integration** and **deployment** of the tool, **yielding** a tangible **25% improvement** in operational efficiency and a **substantial 30% boost** in overall **productivity**.

Report Generation and Distribution
May 2022 – Nov 2022
- Spearheaded the development of an efficient report generation system, reducing **manual effort by 80%**. Daily reports are now available at 6:00 PM, **enhancing data** accessibility **for clients and staff**.
- Ensured **data security** by securely storing reports on **AWS S3 with robust encryption** and implementing **password protection**, resulting in a **30% increase in data security.**
- This project streamlined report distribution, contributing to a **25% increase** in **user engagement and satisfaction.**

Secure Authentication System
May 2022 – Jun 2023
- Attained an **80% reduction** in **login response time,** processing **user authentication requests** in **less than 200 milliseconds.**
- Implemented role-based access control, resulting in a **40% decrease** in unauthorized access incidents, fortifying **data security.**
- Optimized the **password reset process**, reducing the average password recovery **time by 60%,** resulting in **heightened** user satisfaction.

CERTIFICATES

Spring Boot Developer 🔗 | Java For Programmer 🔗

SKILLS

Java Spring Boot *(Restful APIs)* | **Java** | **Redis**
Apache Kafka | **PostgreSQL** | **Microservice**
Solr | **Git** | **Node js** | **MongoDB** | **MySQL**
C++ | **JavaScript** | **C**

PROFESSIONAL EXPERIENCE

Software Engineer, Kristal.ai 🔗
Jan 2022 – present | Bengaluru, India
- Improved **usability by 30%**, reduced user **errors by 20%**, and boosted **customer retention by 15%.**
- **Directed** the management of a **vital microservice** within the organization, propelling a **remarkable 35% revenue** escalation through **adept** utilization of **Tableau, Redis, and microservices.**
- Realized a **30% reduction** in response times by **transitioning applications** to a **microservices architecture**, enhancing **scalability and performance.**
- Significantly **contributed** to the **resolution** of **software glitches** and **discrepancies**, resulting in a **noteworthy 20% reduction** in overall **application bugs.**

Internship, Kristal.ai 🔗
Jan 2022 – Jun 2022 | Bengaluru, India
- **Strategically** formulated pivotal **reports** that significantly propelled **data-driven decision-making**, resulting in a substantial **25% increase** in informed choices.
- Achieved a **20% improvement** in **user experience,** fostering **higher engagement.**

Trannie, Micro Information Pvt. Lmt.
May 2021 – Jul 2021 | Surat, India
- Engineered captivating **ReactJS** web applications, **catalyzing** a **30% surge** in **engagement** and elevating **user interface.**
- **Implemented** robust **token-based logins** through **Google and LinkedIn**, fortifying **data security** and boosting **user confidence by 15%**.
- **Collaborated** seamlessly to design and **deploy user-friendly interfaces**, yielding a **significant 15%** enhancement in **user engagement.**
- Contributed to **optimizing application performance** via **code** and responsive design, yielding a notable 20% reduction in page load times.

ORGANIZATIONS

BAPS, Speaker at children's assembly 🔗
2010 – present | Surat, India
  Give advice to Children for the best eduction, how to live life, and our cultures.

LANGUAGES

English | Hindi | Gujarati