

Biki Dey

Full Stack Development | Web Development | Software Development

CONTACT DETAILS

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CORE COMPETENCIES

- ➔ Software Architecture
- ➔ Agile Methodologies
- ➔ User Experience Design
- ➔ Data Analysis Techniques
- ➔ API Development
- ➔ Project Management
- ➔ Automation Testing
- ➔ Software Development Lifecycle
- ➔ Database Management

TECHNICAL SKILLS

- ➔ Python
- ➔ Django
- ➔ Flask
- ➔ JavaScript
- ➔ React
- ➔ Tailwind CSS
- ➔ Bootstrap
- ➔ HTML
- ➔ CSS
- ➔ MySQL
- ➔ SQL
- ➔ Git
- ➔ MongoDB
- ➔ MS Office Suite

ACADEMIC DETAILS

- ➔ Bachelor of Technology, Computer Science, Regional Institute of Science and Technology, Meghalaya, 2021

ACADEMIC PROJECT

Data Analysis: Terrorism Analysis and Insights

- ➔ Spearheaded a High-Performance Web Application: Led the development of an innovative web application for real-time terrorism analysis, leveraging Python and its powerful libraries (Pandas, NumPy, Dash, Flask) to process and analyze over 1 million records with a remarkable 94% accuracy rate.
- ➔ Created compelling and intuitive visualizations that transformed complex data into actionable insights, empowering users to identify critical trends and make informed, strategic decisions in counter-terrorism initiatives

JOB OBJECTIVE

Dynamic and detail-oriented **full stack developer** with a strong foundation in **web development and automation solutions**, targeting opportunities in diverse industries within the software development domain, particularly in Bangalore.

PROFILE SUMMARY

- ➔ Accumulated **over 3 years** of comprehensive experience in the **technology sector and freelancing experience**, specializing in **full stack development and automation**, with a proven track record in delivering innovative software solutions.
- ➔ Currently working as an **Automation Developer at Hewlett Packard Enterprise**, focusing on the design and implementation of **advanced web applications and automation frameworks to enhance operational efficiency**.
- ➔ Transitioning from automation to **full stack development**, showcasing a robust skill set in both **front-end and back-end technologies**, including Python, Django, React, and MySQL, while continuously adapting to evolving industry standards.
- ➔ Achieved significant operational improvements by developing a web crawler that automated link and content checks, resulting in an **18% reduction in manual audit efforts and enhancing accuracy to 98%**.
- ➔ Experienced in managing the **full SDLC**, including **requirement analysis, design, implementation, testing, deployment, and maintenance**, ensuring timely delivery of high-quality software solutions.
- ➔ Established **exceptional problem-solving aptitudes and leadership skills**, effectively **collaborating with cross-functional teams** to drive project success and foster a culture of innovation and continuous improvement.
- ➔ Recently completed a project that processed **over 1 million records for real-time data analysis**, achieving a **data accuracy rate of 94%**, which meaningfully contributed to informed decision-making in counter-terrorism strategies.
- ➔ Knowledgeable in **implementing security protocols and best practices**, ensuring the **integrity and confidentiality** of user data across all **developed applications**.

WORK EXPERIENCE

- | Automation Developer Hewlett Packard Enterprise, Bengaluru | May'23 - Present |
|--|------------------|
| ➔ Engineering a high-performance web crawler in Python that is transforming partner platform maintenance, slashing manual audit headcount by 18 and achieving an impressive 98% accuracy in checks on links, images, logos, and content consistency. | |
| ➔ Spearheading the design and deployment of robust Django APIs using Django Rest Framework, professionally processing over 8,000 documents monthly. Implementing 13 automated checks with a 95% accuracy rate, driving a 4% reduction in validation manpower. | |
| ➔ Developing cutting-edge interactive UI components in React, meaningfully elevating user experience for account/module selection and scheduling. Integrating SharePoint for seamless data sharing and introducing a real-time 'fixer list' that provides immediate visibility into worker availability. | |
| ➔ Driving multiple projects from concept through deployment, delivering high-quality software solutions. Engineering cohesive front-end and back-end systems while conducting rigorous testing to ensure peak performance. | |

INTERNSHIP

- | Project Intern Forsk Technologies, Jaipur, Rajasthan | Apr'20 – Sep'20 |
|--|-----------------|
| ➔ Collaborated with a dynamic team to architect and develop a comprehensive event management platform for coding courses, utilizing Python and Django for a robust back-end, react for a seamless and engaging front-end, and MySQL for optimized data management. | |
| ➔ Integrated powerful RESTful APIs to facilitate fluid communication between front-end and back-end systems, empowering users with essential features like course registration, attendance tracking, and interactive engagement tools that enhanced the learning experience. | |

FREELANCING EXPERIENCE

- | E-commerce Website Freelance Web Developer (Self-employed) | Aug'21 – May'23 |
|---|-----------------|
| ➔ Engineered a Cutting-Edge E-commerce Platform: Crafted a sophisticated e-commerce platform tailored for both wholesale and retail customers, utilizing Django's MVC framework, JavaScript, and Bootstrap to deliver a stunning and responsive user interface that enhances customer engagement. | |
| ➔ Fortified Security Measures: Implemented advanced security protocols, including AES-256 encryption, multi-factor authentication (MFA), and stringent input validation, safeguarding the confidentiality and integrity of sensitive customer data against potential threats. | |

PERSONAL DETAILS

Date of Birth: 26th June 1996
Languages Known: English, Hindi & Bengali
Address: Bangalore, India