

Rushin Dipak Makwana

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SKILLS

Programming Languages: Python, C++, C#, Java, JavaScript

Web Technologies: React, Angular, Express, Node, HTML5, CSS3, JavaScript, TypeScript, Bootstrap.

Frameworks and Libraries: ASP.NET Core, ASP.NET Web API, Django, BeautifulSoup, Tkinter, Pandas, Numpy.

Databases: MongoDB, PostgreSQL, MySQL

Other Utilities: Tableau, Git, Github, Bitbucket, Azure DevOps, Visual Studio, VS Code, AWS, Azure, Slack, Agile, Jira.

EDUCATION

Bachelor of Engineering - Computer Engineering, Gujarat Technological University Aug 2017 – Jul 2021
• **Courses:** JAVA, C++, Web Technology, Data Structure, Software Engineering, Database Management, Computer Networks CGPA: 8.78/10

Master of Applied Computer Science, Concordia University Jan 2024 - Dec 2025 (Expected)
• **Relevant Courses:** Machine Learning, Algorithm Analysis and Design, Decision Analysis, Advanced Programming Practices.

PROFESSIONAL EXPERIENCE

TatvaSoft - Software Engineer (.Net Core, React, PostgreSQL) Apr 2023 – Nov 2023

- Led the development of a real time claims management dashboard for a leading health care provider, leveraging Agile methodology and enhancing data management, resulting in a **substantial reduction in claim processing time by nearly 60%**.
- Designed and implemented an impactful update for a car wash company, enabling the car-owners to maintain a record of their car wash history using a dynamically generated digital card, **delivering a 20% growth in their monthly sales**.
- Responded proactively to a security breach in login management system by revamping APIs built-in ASP.Net Core, and refactoring the codebase to improve resilience, while restoring sensitive information of **nearly 10,00,000 active users**.
- Trained less experienced software engineers, and mentored 2 interns in the core business logic building and troubleshooting their logical bugs, fostering their analytical skill and professional growth.

Aakash Informatics - Jr. Software Developer (Angular, Node,.Net Core, AWS S3) Aug 2021 – Mar 2023

- Designed and devised an interactive UI with ReactJS, implementing efficient workflows and enabling seamless team collaboration using Slack, JIRA, & Azure DevOps, **increasing user engagement by 27% within a month**.
- Implemented robust data storage solutions, utilizing databases like PostgreSQL and MySQL to store login information, user preferences, and valuable insights by constructing and executing over 85 SQL queries, LINQ queries, and stored procedures.
- Integrated the codebase with Hubspot CRM, periodically fetching all the recently modified contacts and tickets from hubspot, and post them into the database, surging the overall revenue by **nearly 30%** for FY 2022-23 by successfully converting potential leads into clients.
- Engineered key technological features utilizing ASP.Net Core for the mobile app for the US based fitness company, **driving 3.5K downloads within 20 days**.

Swastik Laser Technologies - Web Development Intern (Node, React, Express, Javascript, MongoDB). Jul 2021 – Jan 2022

- Optimized company's HR Management Portal, achieving a **notable 17% reduction** in page load time.
- Analyzed and handled Production Information Management(PIM) for an E-Commerce to store, enrich, and organize complex product information of one million users in MongoDB, streamlining data retrieval **efficiency by 40%**.

PROJECTS UNDERTAKEN (8+)

BreakfastAndBed, (React, Express, Node, MongoDB) (link) Aug 2022 – Oct 2022

- Built an innovative online marketplace for short and long-term homestays, private beaches and islands with user-friendly registration, login, finding an ideal accommodation and making reservations online.
- The project ensures efficient deals distribution with pagination, achieving a 30% faster page load.

FoodieBay, (React, Express, Node, MongoDB) (link) Nov 2022 – Jan 2023

- Made an online food ordering platform, from scratch, allowing users to order food from their nearby restaurants, track their order's history and make payment through an integrated payment gateway.
- Enhanced the food-searching experience by 65% by creating adept sorting and filtering functionality.

Price Comparison Site, (Python, BeautifulSoup) (link) Sep 2020 – Mar 2021

- Collaborated in a 4-member team to create a wholesome application for quick comparison of prices of products from various E-commerce websites such as Amazon and Flipkart.
- Crafted the application using Python's web scraping library - BeautifulSoup to fetch the most updated price from Amazon/ Flipkart.

CERTIFICATIONS

- HTML, CSS, and Javascript for Web Developers - Coursera
- Python Professional - Edureka
- Machine Learning, Data Science and Deep Learning with Python - Udemy
- Build an app with ASP.NET Core and Angular from scratch-Udemy
- Complete ASP .NET MVC Web Development - Newbie to Ninja - Udemy
- Build an E-commerce Dashboard with Figma - Coursera

AWARDS AND INVOLVEMENTS

- **Thrice recipient of tuition fee waiver (MYSY Scholarship) by Government of Gujarat:** Recognized for commitment to innovative technologies and maintaining outstanding grades while pursuing Bachelor's studies. 2018-21
- **Aarham Charitable Trust (Volunteer):** Engaged in charity work, assisting the underprivileged with food, and clothing. 2019-21
- **Smart Gujarat for New India Hackathon:** Involved in the Regional Round of Hackathon, fostering analytical and problem solving skills. 2021
- **IJ Innovation Village:** Contributed in a team of 5 members, showcasing project on Smart Traffic Management System in a national-level event organizes each year to exhibit outstanding projects. 2019