**Meet Bharatbhai Lakhani**

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Languages: English | Gujarati | Hindi

**Professional Summary**

Highly skilled Computing student with expertise in Software Development, Full-Stack Web Development, Database Management, Machine Learning, and Cloud Computing. Proficient in Java, C++, Python, React.js, SQL, Node.js, MongoDB, REST APIs, and AWS. Experienced in Agile Methodologies, DevOps, Cybersecurity, Data Structures, Algorithms, and CI/CD Pipelines. Adept at problem-solving, system optimization, and collaborative teamwork. Passionate about Artificial Intelligence, Competitive Programming, and Ethical Hacking.

**Education**

De Montfort University (DMU), Leicester  
BSc Hons Computing | Expected Graduation: June 2025  
Achieved a First-Class in Year 1 & 2

Relevant Modules & Projects, **Year** 1:

* Library Management System (87/100): Developed a web-based system using HTML5, CSS3, JavaScript, and SQL, improving book tracking efficiency.
* Educational Management System (84/100): Built a system using Python and Flask for student progress tracking.
* Bank Database Optimization (87/100): Designed, optimized, and secured SQL-based databases, ensuring data integrity and efficient transactions.

**Year 2:**

* Financial Management System (84/100): Developed a scalable object-oriented system in Java and Spring Boot.
* Advanced Algorithms & Data Structures (83/100): Implemented optimized Graph Algorithms, Dynamic Programming, and Sorting Techniques.
* The\_CryptoShow: Designed and deployed a full-stack event management website using React.js, Node.js, MongoDB, and Docker.
* Scrum-Based Portfolio Case Study (77/100): Led a team project following Agile & Scrum methodologies with Jira and Trello.

**Year 3:**

* Big Data & Machine Learning (84/100): Built Predictive Analytics Models using Python, TensorFlow, Pandas, and Scikit-Learn.
* Full-Stack Web Development (TBA): Developing a dynamic web application with React.js, TypeScript, Redux, and REST APIs.
* Cloud-Based E-commerce Platform: Designed Lakhani Jewellers, a cloud-hosted e-commerce platform with AWS, Kubernetes, and CI/CD integration.

**Experience**

Junior Developer | Bright Learning Centre, Leicester (Jan 2023 – April 2024)

* Designed, developed, and maintained scalable educational software solutions.
* Utilized Java, Spring Boot, and PostgreSQL to enhance student management systems.
* Implemented RESTful APIs and Microservices Architecture for system optimization.
* Collaborated using Agile (Scrum), GitHub, and Jira to manage sprints effectively.

Technical Warehouse Associate | DPD, Leicester (Sep 2022 – June 2023)

* Implemented automated inventory tracking using RFID and IoT-based solutions.
* Optimized warehouse logistics via Python-based Data Analytics tools.
* Conducted real-time data synchronization with cloud databases.

Technical Packaging Coordinator | DHL, Derby (June 2023 – Feb 2024)

* Managed automated packaging operations using AI-driven quality control systems.
* Performed predictive maintenance on packaging equipment using IoT sensors.
* Analysed key KPIs via Power BI and SQL-based dashboards.

**Technical Skills**

* Programming Languages: Java, C++, Python, JavaScript, TypeScript
* Web Development: React.js, Node.js, HTML5, CSS3, Redux, REST APIs
* Databases: SQL, PostgreSQL, MongoDB, Firebase
* Cloud & DevOps: AWS, Docker, Kubernetes, CI/CD Pipelines, Git/GitHub, Terraform
* Machine Learning & AI: TensorFlow, Scikit-Learn, OpenCV, NLP, Data Analytics
* Cybersecurity: Ethical Hacking, Penetration Testing, Network Security, OWASP
* Project Management: Agile (Scrum, Kanban), Jira, Trello, Notion

**Projects**

* Library Management System: Developed a scalable library system using Java, SQL, and RESTful APIs, reducing tracking time by 30%.
* The\_CryptoShow: Built a full-stack event management platform with React.js, Node.js, and Firebase, enhancing event scheduling efficiency.
* Lakhani Jewellers: Designed an AWS-powered e-commerce platform with integrated payment gateways and AI-driven recommendations.
* Automated Inventory System: Developed an IoT-powered warehouse tracking solution using RFID, Python, and AWS Lambda.