Utkarsh Bothe

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EDUCATION

Vishwakarma Institute of InformationTechnology
Bachelor of Technology GPA: 8.23

Pune, India
August 2023 - May 2027

Springdales Jr. College
12th HSC – Science Percentage: 65.83%

Chhatrapati Sambhajinagar, India
June 2021 - July 2023

St. Lawrence High School
10th SSC – Percentage: 75.60%

Chhatrapati Sambhajinagar, India
May 2021

SKILLS SUMMARY

- **Languages**: C++, Java, Python, Javascript, SQL
- **Frameworks & Libraries**: React.js, Node.js, Express.js, Pandas, NumPy
- **Tools & Utilities**: Power BI, MySQL, Git & GitHub, Postman, MongoDB Compass, JIRA
- **Platforms**: Visual Studio Code, Jupyter Notebook
- **Soft Skills**: Team Collaboration, Communication, Problem Solving, Adaptability

WORK EXPERIENCE

FORBES MARSHALL – INDUSTRY PROJECT | AI-POWERED EMPLOYEE SUGGESTION SCHEME   **October 2025**
- ❖ Designed and implemented a **Gemini-based AI chatbot** using NLP to query suggestion data and generate real-time insights and summaries.
- ❖ Developed **Power BI dashboards**, automated report generation, and a certificate automation module to track performance and top contributors.

DELOITTE DATA ANALYTICS VIRTUAL EXPERIENCE | FORAGE   **June 2025**
- ❖ Completed Deloitte Australia's data analytics job simulation, covering forensic technology and data analysis.
- ❖ Built a data classification model using Excel and created an interactive dashboard in Tableau to visualize business insights.

PROJECTS

Utkarsh Bothe – Portfolio website
Live site : **https://utkarsh-bothe.vercel.app/**   **October 2025**
Tech Stack: React.js, Tailwind CSS, Vercel
- ❖ Designed and developed a responsive personal portfolio website to showcase projects, technical skills, and professional profile with a clean and modern UI.

Streamify – Language Exchange & Real-time Communication Platform
Live site : **https://socialize-app-dzyh.onrender.com**   **September 2025**
Tech Stack: React.js, Express.js, MongoDB, Tailwind CSS, Zustand, TanStack Query, Stream API, Render
- ❖ Built a **real-time chat and video communication app** enabling global users to connect and practice languages together.
- ❖ Integrated **1-on-1 and group video calls** with screen sharing, call recording, and chat-based collaboration.
- ❖ Implemented **JWT authentication**, protected routes, and secure Stream APIs for chat and video.
- ❖ Designed a **modern, theme-rich UI** with 10+ responsive color themes, ensuring accessibility and smooth user experience.
- ❖ Deployed a **fully scalable full-stack architecture** on Render, optimized for real-time performance.

FitVerse – AI-powered Fitness Tracker Website
Tech Stack: React.js, Tailwind CSS, MongoDB   **APRIL 2025**
- ❖ Developed an all-in-one fitness platform with workout tracking, sleep monitoring, step counting, and hydration reminders.
- ❖ Implemented a nutrition module with personalized meal planning, macro tracking, and traditional Maharashtrian vegetarian and non vegetarian recipes.
- ❖ Built a responsive dashboard displaying real-time fitness stats, personalized progress insights, and user-focused visuals for better engagement.
- ❖ Added guided workout plans, live sessions, mental wellness tools, and an equipment rental system to deliver a complete online fitness solution.

Rural & Agriculture Development Portal
Tech Stack: React.js, Tailwind CSS, MongoDB   **MARCH 2025**
- ❖ Developed a full-stack web portal integrating 7 key modules to support rural startups, farmers, and job seekers with digital-first services.
- ❖ Automated government scheme access with digital verification workflows, schemes in agriculture and startup categories.
- ❖ Implemented real-time logistics, labor coordination, and equipment rental systems, boosting resource access efficiency by 45%.
- ❖ Launched the 'Industry Connect' module, enabling startups to discover and hire MBA talent for key roles like CEO, CFO, and CTO.

CERTIFICATES

The Complete Full-Stack Web Development Bootcamp – Udemy (Angela Yu)　　　　　　　　**July-2025**

- ❖ Gained hands-on experience in front-end and back-end development using HTML5, CSS3, JavaScript ES6, Bootstrap 5, React.js, Node.js, Express.js, and PostgreSQL.
- ❖ Built and deployed full-stack web applications, integrating RESTful APIs, authentication, Git version control, and responsive web design principles.

C++ for Beginners – Infosys Springboard　　　　　　　　**December 2023**

- ❖ Learned key concepts including data types, loops, functions, arrays, and object-oriented programming.
- ❖ Strengthened logical thinking and problem-solving through structured coding exercises and assessments.

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional – Oracle　　　　　　　　**August 2025**

- ❖ Gained proficiency in Large Language Models (LLMs) and OCI Generative AI Service for building and deploying AI solutions.
- ❖ Implemented Retrieval-Augmented Generation (RAG) and LangChain techniques for intelligent chatbot development.

HACKATHONS & ACHIEVEMENTS

- ❖ Best Innovation Award – VIIT College Hackathon "Hack for Humanity" | March 2025

    Led Team "404 but team found" to build an innovative tech solution addressing a real-world problem. Won the Best Innovation Award among 50+ participating teams.

- ❖ Google Cloud Arcade Challenge – Google Cloud Skills Boost | 2025

    Completed hands-on labs on Cloud Compute, APIs, BigQuery, and VMs. Earned exclusive swags for consistent learning and engagement.

- ❖ Patent Filed – *Sensor-Based Automated Flush and Fragrance Dispensing System for Public Restrooms* | March 2025

    Inventor of a system using motion and proximity sensors to automate flushing and fragrance dispensing in public restrooms, ensuring hygiene and reducing manual intervention.

    Patent Application No.: **2025/01982**, filed in South Africa via CIPC.