Shivam Shukla

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EDUCATION

Lok Jagruti University September 2023 - Present

Bachelor of Engineering in Artificial Intelligence and Data Science (CGPA of 8.33) Ahmedabad, Gujarat, India

WORK EXPERIENCE

Creative Commons Contributor

• Collaborated on open-source projects using HTML, CSS, and JavaScript, improving teamwork and code quality.

GSSoC-Extended 2024 Contributor

• Submitted 31 PRs (1050 points), working on frontend technologies including HTML, CSS, JavaScript, React, Bootstrap,

and Tailwind CSS.

• Implemented advanced routing, state management, and dynamic functionality using various tools and libraries to enhance

user experience and overall application performance.

PROJECTS

Java and OOP

• Career Analysis System: (GitHub) Built a console-based Java application using OOP principles, multithreading for user

data fetching, file I/O for resume building, and inheritance for reusable components. Applied DBMS concepts like junction

tables, procedures, and joins. Used Java Generics for data structures. Key functionalities include career assessments, job

listings, and interview preparation, with MySQL integration and robust exception handling.

• Bus Ticket Booking System: (GitHub) Built a console-based Java application leveraging OOP principles for modular design,

SHA-256 encryption for password security, and File I/O for ticket downloads. Utilized MySQL with junction tables for

relational data and triggers for automated actions. Implemented temporary tables for trip management, auto-deleting them

post-trip via multithreading.

Web development

• PDF-Merger: (GitHub) A simple Express.js app that merges multiple PDF files using Multer for uploads and pdf-lib or pdf-

merger-js for merging.

• GlobeGaze: (GitHub) Developed a React-based news application featuring React Router for navigation, props and state for

dynamic data handling, and function-based components. Used Bootstrap for responsive and modern styling.

• CashSwitch: (GitHub) A React app for real-time currency conversion and cash switching, integrating APIs for up-to-date

exchange rates.

TECHNICAL SKILLS

• Programming Languages: Java, Python, JavaScript, React, HTML, CSS, Tailwind CSS, Bootstrap, PostgreSQL, MySQL.

• Core: OOP, DBMS, Data Structures and Algorithms, Problem Solving, Git, GitHub, Vercel.

PROFESSIONALACCOMPLISHMENTS

• Contributor in GirlScript Summer of Code 2024 Extd: Gssoc-Extd

• Introduction to Java: Coursera

• Inheritance and Data Structures in Java: Coursera

CODING PLATFORMS

• LeetCode: Leetcode

• GitHub: GitHub

• CodeForces: CodeForces

LANGUAGES

• English, Hindi, Gujarati.