

SALONI CHAUHAN

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SUMMARY

Experienced software developer with 3+ years of experience in **Java**, **Python**, and **SQL**, complemented by deep knowledge of **web technologies**, **cloud computing**, and **machine learning**. Demonstrated leadership in driving transformative projects and delivering innovative solutions in fast-paced and collaborative environment.

PROFESSIONAL EXPERIENCE

Accenture | Application Development Analyst | Bangalore, India

Oct 2022 - Aug 2023

- Designed and developed high-performance **Java/J2EE**-based web applications, leveraging **RESTful APIs** to enhance system efficiency by **30%** and deliver scalable, client-focused solutions
- Spearheaded end-to-end **cloud migration** of **6+ enterprise applications** to **Microsoft Azure**, utilizing **Azure DevOps** to implement automated **CI/CD pipelines**, cutting deployment times by **40%** and ensuring seamless scalability
- Engineered automation for **50+ Azure Cloud tasks** using **PowerShell**, **Azure CLI**, and **ARM templates**, reducing manual workload by **25%**, eliminating recurring operational errors, and improving cloud governance

Accenture | Application Development Associate | Bangalore, India

Oct 2020 - Oct 2022

- Revamped **ETL processes** and refined **100+ SQL scripts**, accelerating organizational data management and improving query efficiency using stored procedures, functions, sub-queries, and joins
- Optimized **SQL stored procedures** by implementing indexing strategies and query tuning, leading to a **25% improvement** in client data processing speed and a **20% increase** in productivity
- Led **Agile Scrum** best practices using **JIRA**, facilitating **daily stand-ups**, **sprint planning**, and **backlog refinement** while leveraging **Git** for version control and efficient collaboration
- Trained **5+** new hires on **query optimization** and **data pipeline automation**, improving onboarding efficiency by **30%**

Ultratech Cement Pvt Ltd | Software Engineer Intern | Jaipur, India

Jan 2019 - Jun 2019

- Innovated and delivered **scalable web applications** using **MySQL**, **HTML**, **CSS** and **JavaScript**, optimizing database interactions and front-end performance, resulting in a **30%** increase in end-user usage
- Improved accessibility and boosted user engagement by **20%** through **cross-functional** team collaboration, applying **responsive design techniques**, and **performance optimization tools**

PROJECTS

Employee Attrition Prediction | Machine Learning

Sep 2024 - Dec 2024

- Developed ML models (**Random Forest**, **XGBoost**) on the dataset, achieving **92%** accuracy through hyperparameter tuning
- Conducted **Exploratory Data Analysis (EDA)** and **feature engineering** to reduce preprocessing time by **30%**, improve **model interpretability** by **40%** using **SHAP**, and enhance recall by **15%** through **SMOTE**-based class balancing

Kanbas - Learning Management System | Full Stack Web Development

May 2024 - Jul 2024

- Programmed an interactive learning platform to enhance communication and collaboration between students and instructors, using **HTML**, **CSS**, and **JavaScript** for the front-end development
- Deployed responsive user interface components with **ReactJS**, by utilizing **NodeJS** for server-side logic, including **HTTP request processing** and session management, used **Redux** for central state management and hosted the app on **Netlify**

Investment Portfolio Management Simulator | Java Development

Jan 2024 - May 2024

- Implemented **GUI** and **Text-based JAVA MVC-based** simulator, enabling users to create and manage investment portfolios with various strategies such as Dollar-Cost Averaging, Rebalancing, and Fixed Amount investment
- Enhanced the application with **external APIs integration** for real-time financial data, improving data accuracy by **30%**

House Price Prediction | Predictive Modeling

Jan 2024 - May 2024

- Architected a predictive machine learning model using **Python** and **Sklearn** to accurately forecast property sale prices
- Devised an intuitive web application using **Flask**, **HTML**, **CSS** and **JavaScript** to offer seamless interaction for users

SKILLS

Technologies	Java, R, SQL, Python, HTML, CSS, JavaScript, ReactJS, NodeJS, Maven
Database and Testing	MongoDB, MySQL, NoSQL, Junit, Mockito, Selenium
DevOps and Cloud	Jenkins, Docker, Kubernetes, AWS, Azure, Git, GitHub
Software Development	Object-Oriented Design, TDD, Agile, Scrum, Retrospective, Story Planning, Sprint
Certifications	AWS Cloud Practitioner, AWS Cloud Foundation, CISCO Certified Network Associate

EDUCATION

Northeastern University, Boston, MA

Jan 2024 - Present

Master of Science in Computer Science, GPA: 3.8

Expected Graduation: Dec 2025

Mody University of Science and Technology, Sikar, India

Jul 2016 - May 2020

Bachelor of Technology in Computer Science, GPA: 8.8