

## SOFTWARE ENGINEERING | FULL-STACK DEVELOPMENT

Profiles: [Leetcode](#) | [GeeksforGeeks](#) | [InterviewBit](#) | [HackerRank](#)

~**Data-driven IT individual** with a strong technical background & a keen eye for innovation, brings forth intellectual competence in **developing advanced software applications** leveraging cutting-edge technologies. ~

**Seeking opportunities** as a Software Engineer to leverage technical skills and deep understanding of domain knowledge with a goal to drive **continuous innovation** and make a meaningful impact in the field of software development.

### PROFILE SYNOPSIS

- **Ability to** understand the entire **Software Development Life Cycle (SDLC)**, ensuring a comprehensive perspective that facilitates efficient collaboration with cross-functional teams.
- **Demonstrate knowledge in** object-oriented modelling, data structure design, and innovative problem-solving within the realm of software development. Skilfully address complex problems in innovative ways.
- **Capable of** full-stack development, bridging the gap between data science and software engineering; creating end-to-end solutions, from data preprocessing to developing user-friendly front-end interfaces, utilizing HTML, CSS, and JavaScript.

### CORE COMPETENCIES

**Software Development Lifecycle** | **Front End Development** | **Back-end Development** | **Database Management** | *Data Structures* | *Algorithm Analysis* | *Software Testing* | **Version Control** | **Algorithm design** | *Troubleshooting* | *Project Planning* | *Scrum* | *Agile Methodologies* | **Database Management** | *Operating Systems* | *Conflict Resolution*

**Technical Skills:** Java | C | C++ | Python Libraries (Plotly, Pandas, NumPy, Matplotlib, Seaborn) | Go JavaScript | MySQL | R-DBMS | Spring Boot Frameworks | Angular 17 | CSS | HTML | Spring Tool Suite | Project Lombok | Windows | Linux | TypeScript | Blockchain Technology

### CAREER OUTLINE

<b>TVS Credit 4.0 IT Challenge</b>	▪ <b>4th Rank holder National Finalist at TVS Credit 4.0 IT Challenge</b>   <a href="#">GitHub</a>   <a href="#">Product Output</a>   <a href="#">Certificate</a>
<b>DATASIGHT 4.0</b>	▪ <b>National Finalist at DATASIGHT 4.0</b>   <a href="#">Certificate</a>
<b>AccioWars Coding Challenge</b>	▪ <b>200th Rank Holder at AccioWars Coding Challenge</b> organized by AccioJob   <a href="#">Certificate</a>
<b>Flipkart Grid 4.0 Technology Competition</b>	▪ <b>Semi-finalist at Flipkart Grid 4.0, technology competition</b>   <a href="#">Certificate</a>

### CAREER OUTLINE

<b>MACHINE LEARNING INTERN   Brillica Services Pvt. Ltd.   Delhi</b>	<b>Jul. 2022 – Nov. 2022</b>
<ul style="list-style-type: none"> <li>▪ <b>Algorithmic Expertise and Insight Synthesis:</b> Leverage spectrum of supervised &amp; unsupervised learning algorithms, including Python Libraries (Pandas, NumPy, Matplotlib, Plotly &amp; Seaborn) &amp; Random Forest Learning, to data drive insights for steering strategic decision-making processes</li> <li>▪ <b>Data Enhancement and Transformation:</b> Execute data enhancement and transformation using Pandas, demonstrating exceptional attention to detail in curating CSV files, eliminating null values, and refining raw data into actionable datasets</li> <li>▪ <b>Machine Learning Model Crafting:</b> Engineer robust machine learning models by meticulously segmenting data into training and testing sets, expertly employing diverse algorithms to unveil significant patterns and deliver invaluable insights</li> <li>▪ <b>Data Quality Prowess:</b> Demonstrate prowess in data preprocessing and feature engineering, elevating data quality to prime levels, and meticulously preparing it for machine learning model selection</li> </ul>	

### PROJECTS HANDLED

<b>ShoutReview: Spring-Powered Movie Reviews</b>   <a href="#">GitHub</a>   <a href="#">Link</a>	<b>Jul. 2022 – Sep. 2022</b>
BOOT   HTML   SQL   JAVA   SPRING <b>Key Contributions:</b> • Utilized Spring Boot for the backend, connecting to a SQL database and enabling RESTful endpoints • <b>Streamlined development</b> using Maven and Lombok • <b>Employed Spring Web</b> for effective HTTP request/response handling	
<b>Blockchain-Based Land Registry System</b>   <a href="#">GitHub</a>   <a href="#">Link</a>	<b>Dec. 2022 – Mar. 2023</b>
HTML   CSS   PYTHON   REMIX   CRYPTO   BLOCKCHAIN   IPFS <b>Key Contributions:</b> • Employed a decentralized architecture to substantially diminish the risk of fraud and corruption within land registry systems • <b>Crafted solution</b> to effectively mitigate the risks associated with legal disputes, delivering a robust and dependable mechanism for ownership transfers	

### ACADEMIC CREDENTIALS

<b>B.Tech in Computer Science   Graphic Era Hill University</b>	<b>Aug. 2023</b>
<b>Training and Courses:</b> JavaScript ( <a href="#">Certificate</a> ) • JAVA Backend Development ( <a href="#">Certificate</a> ) • Data Structure & Algorithm ( <a href="#">Certificate</a> ) • Wipro Talent Next Online Training ( <a href="#">Certificate</a> )	