

GAJENDER

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EXPERIENCE

Web Development Intern

Jul 2023 – Aug 2023

Dabotics India Pvt Ltd

Remote

- Developed an e-commerce platform with CRUD operations, managing 50+ products and 200+ users efficiently. Gained practical full-stack experience.
- Implemented input validations and error handling, reducing data errors by 90% and improving reliability.
- Optimized database queries and API endpoints, improving response time by 30% for smoother performance.

PROJECTS

AICademy | *React JS, Node.js, MongoDB, Gemini API, Tailwind CSS*

Jan 2025 – Apr 2025

- Developed an AI-powered learning platform using Gemini API, reducing content creation time by 80% and scaling modules 5x.
- Implemented a responsive React and Tailwind CSS UI with 100% device compatibility, boosting engagement by 30%.
- Optimized MongoDB and backend logic, cutting API response time by 60% and enabling real-time progress tracking.

TrustBallot | *React JS, Node JS, JavaScript, Web3.js, Ganache*

Feb 2023 – May 2023

- Designed smart contracts using Ethereum and Solidity for automated vote validation, cutting result reporting time by 70% (~12 hours).
- Built a secure ledger to record votes, improving electoral integrity by 40% and reducing fraud risk by 50%.
- Achieved 99% validation accuracy through automated smart contract-based result tallying.

Real Estate Forecast | *JavaScript, NumPy, Matplotlib, Linear regression*

Jan 2022 – Mar 2022

- Created a property price forecasting model achieving 92% R² accuracy using real-world Kaggle datasets, effectively predicting residential price trends.
- Applied feature engineering and data preprocessing, resulting in a 25% reduction in model training time and improved overall pipeline efficiency.
- Delivered actionable visual insights using Matplotlib, which improved investor decision-making accuracy by 35% based on backtesting analysis and user feedback.

EDUCATION

Chandigarh University (CGPA: 8.61)

Bachelor of Engineering in Computer Science

Jul 2021 – May 2025

Mohali, Punjab

RM Memo. Sr. Sec. School (Percentage: 94.40)

Class-XII (PCM)

Jul 2018 – May 2019

Gajsinghpur, Rajasthan

TECHNICAL SKILLS

Languages: C, C++, JavaScript, SQL, Python

Frameworks: React.js, Node.js, Express.js, REST API

Database: MongoDB, MySQL

Developer Tools: Git & GitHub, VS Code, Cursor ai, V0.dev, Bolt.new

Core Subjects: Computer Networks, Operating Systems, DBMS, Data Structures and Algorithms

CERTIFICATIONS

NPTEL: Discrete Mathematics | Probability and Statistics

RESEARCH & PUBLICATIONS

Gajender (2025). Impact of AI on Software Quality Assurance and Testing Jobs – **IJERCSE**