



GARVIT GUPTA

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PROFILE SUMMARY

Aspiring Product Intern with strong technical foundations in full-stack development and AI. Experienced in identifying user pain points, building scalable solutions, and optimizing workflows that improved operational efficiency by up to 45%. Passionate about product thinking, data-driven decision-making, and building user-centric technology solutions.

EDUCATION

Vellore Institute of Technology	Nov. 2022 – Nov. 2026
<i>Bachelor's in CSE Specialization in Artificial Intelligence & Machine learning</i>	<i>CGPA : 7.99</i>
Maheshwari Public School	2020-2021
<i>Higher Secondary Certificate (HSC)</i>	<i>Percentage: 76.6%</i>
Maheshwari Public School	2018-2019
<i>Senior Secondary Certificate (SSC)</i>	<i>Percentage: 84.2%</i>

PROJECTS

- WebHome** | *Node.js, Express.js, MongoDB, EJS, CSS, JavaScript* |  [Link](#) **Feb 2025**
- Built full-stack rental property platform with **Passport.js authentication** and Express session management
 - Built automated booking system reducing manual management by **35%** through validation and conflict detection
 - Designed **RESTful APIs** for property **CRUD operations**, user management, and booking workflows
 - Created responsive **EJS templates** with **form validation** and implemented **MVC architecture**
 - Executed manual test cases and documented defects to improve feature reliability
 - Performed **API testing** using **Postman** to validate request/response flows
 - Designed **regression test** scenarios before feature deployment to ensure system stability
- Policy Insurance Website** | *React.js, Node.js, Express.js, MySQL, Tailwind CSS* |  [Link](#) **Oct 2024**
- Built insurance management system with **JWT authentication** and **bcrypt password hashing**
 - Automated policy workflows reducing administrative processing time by **40%** through optimized SQL queries
 - Implemented input validation and sanitization reducing data integrity errors by **30%**
 - Designed **Role-Based access Control** (RBAC) securing sensitive user data and policy information
 - Created normalized **MySQL schema** with foreign key relationships for efficient data management
- Food Ordering Website** | *React.js, Node.js, Express.js, MongoDB, Stripe API* |  [Link](#) **Jun 2024**
- Built **MERN stack** food ordering platform reducing manual order processing by **45%**
 - Implemented **JWT-based authentication** with secure token generation, storage, and session validation
 - Developed **Role-Based dashboards** for customers and administrators with separate permissions
 - Designed **RESTful APIs** for menu management, cart operations, and order tracking
 - Integrated **Stripe payment gateway** with **webhook handling** for secure payment processing

TECHNICAL SKILLS

Languages & Frameworks: Python, Java, JavaScript, HTML5, Tailwind CSS, React.js, Node.js, Express.js
Databases & Core CS: MongoDB, MySQL, Data Structures & Algorithms, OOP
Backend & Security: RESTful APIs, JWT Authentication, Modular Architecture, RBAC
Testing: Manual Testing, API Testing (Postman), Regression Testing, Defect Documentation

CERTIFICATIONS & ACHIEVEMENTS

- IBM Blockchain Developer [Link](#)
- IBM GEN AI Using IBM Watsonx [Link](#)