

# 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

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

## PROJECTS

<b>WebHome</b>   <i>Node.js, Express.js, MongoDB, EJS, CSS, JavaScript</i>   <a href="#">Link</a>	<b>Feb 2025</b>
<ul style="list-style-type: none"><li>Built full-stack rental property platform with <b>Passport.js authentication</b> and Express session management</li><li>Built automated booking system reducing manual management by <b>35%</b> through validation and conflict detection</li><li>Designed <b>RESTful APIs</b> for property <b>CRUD operations</b>, user management, and booking workflows</li><li>Created responsive <b>EJS templates</b> with <b>form validation</b> and implemented <b>MVC architecture</b></li><li>Executed manual test cases and documented defects to improve feature reliability</li><li>Performed <b>API testing</b> using <b>Postman</b> to validate request/response flows</li><li>Designed <b>regression test</b> scenarios before feature deployment to ensure system stability</li></ul>	
<b>Policy Insurance Website</b>   <i>React.js, Node.js, Express.js, MySQL, Tailwind CSS</i>   <a href="#">Link</a>	<b>Oct 2024</b>
<ul style="list-style-type: none"><li>Built insurance management system with <b>JWT authentication</b> and <b>bcrypt password hashing</b></li><li>Automated policy workflows reducing administrative processing time by <b>40%</b> through optimized SQL queries</li><li>Implemented input validation and sanitization reducing data integrity errors by <b>30%</b></li><li>Designed <b>Role-Based access Control</b> (RBAC) securing sensitive user data and policy information</li><li>Created normalized <b>MySQL schema</b> with foreign key relationships for efficient data management</li></ul>	
<b>Food Ordering Website</b>   <i>React.js, Node.js, Express.js, MongoDB, Stripe API</i>   <a href="#">Link</a>	<b>Jun 2024</b>
<ul style="list-style-type: none"><li>Built <b>MERN stack</b> food ordering platform reducing manual order processing by <b>45%</b></li><li>Implemented <b>JWT-based authentication</b> with secure token generation, storage, and session validation</li><li>Developed <b>Role-Based dashboards</b> for customers and administrators with separate permissions</li><li>Designed <b>RESTful APIs</b> for menu management, cart operations, and order tracking</li><li>Integrated <b>Stripe payment gateway</b> with <b>webhook handling</b> for secure payment processing</li></ul>	

## 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](#)