

# ABHISHEK KUMAR

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## Professional Summary

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**Full Stack Developer** with expertise in **MERN Stack, Core Java, and Python**. Skilled in **React.js, Node.js, Express.js, MongoDB, and SQL** for developing scalable and secure web applications. Experienced in **API development, authentication systems, and database management**. Built projects like **AuthGuard – Secure Authentication System** and **Restaurant Management System**, demonstrating strong problem-solving and software development skills. Passionate about **learning new technologies, optimizing performance, and building user-friendly applications**.

## Skills

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- **Languages:** C, Java, Python
- **Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js
- **Database Management:** SQL, MongoDB
- **Tools:** Git/GitHub, VSCode, Bootstrap, Tailwind CSS, MySQL Workbench, MongoDB Atlas
- **Soft Skills:** Adaptability, Problem Solving, Open to learn new skills

## Education

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| <b>Cochin University of Science and Technology</b><br><i>Masters in Computer Application</i> <ul style="list-style-type: none"><li>◦ GPA: 7.58</li></ul> | 2023-2025 |
| <b>B N Mandal University Madhepura</b><br><i>Bachelors in Computer Application</i> <ul style="list-style-type: none"><li>◦ Percentage: 82.41</li></ul>   | 2019-2022 |

## Experience

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| <b>Web Development Intern</b><br><i>Tech Octanet Services Pvt Ltd</i> <ul style="list-style-type: none"><li>◦ Gained hands-on experience in <b>HTML, CSS, JavaScript, and Bootstrap</b>.</li><li>◦ Worked on responsive design and user-friendly interfaces.</li><li>◦ Enhanced <b>teamwork</b> and <b>project management</b> skills through real-world projects.</li></ul>   | Oct 2024 – Nov 2024 |
| <b>Full Stack Web Development Intern</b><br><i>Main Flow Services and Technologies Pvt. Ltd</i> <ul style="list-style-type: none"><li>◦ Developed and optimized full-stack web applications using <b>React.js, Node.js, Express.js, and MongoDB</b>.</li><li>◦ Designed responsive user interfaces and implemented <b>RESTful APIs</b> for seamless backend integration.</li><li>◦ Collaborated in an Agile environment, utilizing <b>Git, GitHub, and third-party API integrations</b> to enhance application functionality.</li></ul> | Nov 2024 – Jan 2025 |

## Projects

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| <b>AuthGuard – Secure Authentication System</b> <ul style="list-style-type: none"><li>◦ Developed a full-stack authentication system using <b>Next.js (React, TypeScript), MongoDB, Node.js, Express.js, and JWT</b>. Implemented <b>secure user registration, email verification, password hashing (bcrypt.js), and token-based authentication</b>. Ensured protected routes, session management, and secure API handling following best security practices.</li><li>◦ <b>Tech Stack:</b> Next.js, React, TypeScript, Node.js, Express.js, MongoDB, JWT, bcrypt.js, Tailwind CSS</li></ul>   |  |
| <b>Restaurant Management System</b> <ul style="list-style-type: none"><li>◦ Developed a restaurant management system that efficiently handles staff details, menu items, and sales tracking using <b>Node.js, Express.js, and MongoDB</b>. <b>Designed RESTful APIs for CRUD operations</b>, enabling seamless management of employees and menu items. Ensured data validation, error handling, and security while implementing structured database schemas with <b>Mongoose</b>. Optimized database queries for faster retrieval and improved performance, ensuring scalability for future enhancements.</li><li>◦ <b>Tech Stack:</b> Node.js, Express.js, MongoDB, Mongoose, RESTful APIs, dotenv</li></ul> |  |

## Certifications

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### Java Programming – Udemy

- Covered OOP concepts, exception handling, multithreading, and collections framework

### MERN Stack Web Development – Udemy

- Covered HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, and API development

## Languages Known

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English

Hindi