

Ashish Karche

Email Id: ashishkarche9@gmail.com | [Linkedin](#) | Phone: [+91 7498811353](tel:+917498811353)

PROFILE

Recent Computer Engineering Graduate specializing in full-stack web development with expertise in Java, MERN stack (MongoDB, Express.js, React, Node.js), and SpringBoot. Experienced in building scalable, high-performance applications and implementing RESTful APIs. Strong skills in problem-solving and database management (MySQL, MongoDB). Passionate about leveraging modern technologies to create innovative solutions.

EDUCATION

B.E. in Computer Engineering

Ajeenkya DY Patil School of Engineering | 2020 – 2024 | CGPA: 7.30/10

H.S.C. in Science

SSPM Day School & Junior College | 2018 – 2020 | Percentage: 58.77%

SKILLS

- Programming Languages: Java, JavaScript, Python
- Frameworks & Libraries: Node.js, SpringBoot, React.js, Express.js
- Databases: MySQL, MongoDB
- Tools: Git, Maven, Docker, Visual Studio
- Development Methodologies: Agile, SDLC
- Key Strengths: Data Structures, Algorithms, Problem Solving

PROFESSIONAL EXPERIENCE

Let's Grow More – Web Developer (Mar 2023 - Apr 2023)

- Successfully completed four distinct projects, showcasing expertise in web development technologies.
- Built a To-Do List Application using HTML, CSS, and JavaScript.
- Designed a responsive Registration Form with data validation.
- Developed a Calculator Application with core mathematical operations.
- Created a web application using React.js and Bootstrap for a Travel Booking Platform.

PROJECT

Coding Challenge Platform – (Jun 2024 – Aug 2024)

- Developed an interactive coding challenge platform where users can solve problems within a set time limit.
- Supported multiple programming languages and provided hints to assist users in solving the challenges.
- Tools: JavaScript, ReactJS, Node.js, MongoDB
- Project Link: [Coding Challenge Platform](#)

Travel Company Website – (April 2024 – May 2024)

- Developed a modern travel booking web application using Bootstrap and ReactJS, offering seamless booking experiences.
- Tools: Bootstrap, ReactJS
- Project Link: [Travel Company Website](#)

Secure File App – Hybrid Cryptography File Sharing – (Sept 2023 – Jan 2024)

- Designed a secure file-sharing application utilizing hybrid cryptography with multiparty encryption for safe file storage and transfer.
- Tools: Java, SpringBoot, MySQL
- Project Link: [SecureFileApp](#)

AI-powered ChatBot– (Apr 2023 – May 2023)

- Implemented a chatbot to answer FAQs, provide customer support, and retrieve specific information based on user input using JavaScript.
 - Tools: JavaScript, Python
 - Project Link: [AI-powered ChatBot](#)
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CERTIFICATION & AWARDS

- Microsoft Certified: Azure Data Fundamentals
 - Cyber Security (Web Hacking) – E & ICT Academy, IIT Kanpur
 - Core Python Course – Udemy
 - Web Development – Internshala
 - Python & Flask Framework – Udemy
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AWARDS

- SQF Olympiad Mathematics
 - Maths Talent Search 2017-2018
 - Maths Talent Search 2016-2017
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PUBLICATIONS / RESEARCH

Enhancing File Security Using Hybrid Cryptography

- Published at ICITCT and IJSRSET in 2024, co-authored with five other contributors.
- Focused on securing files using hybrid cryptography methods.
- Mentor: Prof. Pallavi Shimpi