

# Ashish Karche

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## PROFILE

My name is Ashish, and I hail from Pune, often called the 'Queen of the Deccan'. Driven by a deep interest in coding, I pursued a Bachelor's in Computer Engineering from Ajeenkya DY Patil School of Engineering under Savitribai Phule Pune University. I had the opportunity to work as a web developer intern with Let's Grow More, which helped me refine my technical skills. Outside of coding, I'm passionate about sports, especially badminton, and enjoy singing. I thrive on solving complex problems and crafting efficient, user-centered solutions.

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## 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%

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## SKILLS / KEY EXPERTISE

- 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

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## 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.

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## PROJECTs

### 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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## **ASSESSMENTS / CERTIFICATIONS**

- TCS NQT ION - IT: 1771.12 / 3000
  - Web Development Certification: 83 / 100
  - Microsoft Azure Data Fundamentals Certification: 800 / 1000
  - Cyber Security (Web Hacking) Certification: 90 / 100
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## **AWARDS**

- SQF Olympiad Mathematics
  - Maths Talent Search 2017-2018
  - Maths Talent Search 2016-2017
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## **PUBLICATIONS / RESEARCH / WHITE PAPERS**

- **Enhancing File Security Using Hybrid Cryptography**
  - Publication Date: 29 Apr 2024
  - Conference/Journal: ICITCT
  - Mentor: Prof. Pallavi Shimpi
  - Number of Authors: 5
- **Enhancing File Security Using Hybrid Cryptography**
  - Publication Date: 22 Dec 2023
  - Conference/Journal: IJSRSET
  - Mentor: Prof. Pallavi Shimpi
  - Number of Authors: 4