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.

# 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 / 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

# 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.

# 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](https://github.com/ashishkarche/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](https://ashishkarche.github.io/ShravniTravel/)

## 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](https://github.com/ashishkarche/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](https://github.com/ashishkarche/Ai-powered-Chatbot)

# 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

**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

# AWARDS

SQF Olympiad Mathematics Maths Talent Search 2017-2018 Maths Talent Search 2016-2017

# 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