

# Sujit Avchar

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## Education

**STES Smt Kashibai Navale College Of Engineering**, BE in Computer Engineering

November 2022 – June 2026

- GPA: 8.64/10
- **Coursework:** Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Computer Networks

## Technical Skills

- **Programming Languages:** C++, Java, Python, JavaScript
- **Front End:** HTML, CSS, JavaScript, ReactJS
- **Backend:** Nodejs, Expressjs, RestAPI, FastAPI, SQL, MySQL, MongoDB
- **Platforms:** Linux, Windows, Visual Studio Code, GitHub, Google Cloud Platform (GCP)

## Experience

**Software Engineer Intern**, WallMag Global Pvt Ltd – Pune, Maharashtra

Jan 2025 – Present

- Contributed to the full automation process via **n8n**, **JavaScript** and **Python**, reducing the time spent on manual processes by 75%.
- Developed automated systems to send interview questions, to 100+ creators via email, SMS, and WhatsApp using Novu services.
- Developed a forms application with **FastAPI**, enhancing creator data collection and processing speed by 60%.

**Software Development Associate (AI Training)**, Outlier AI – California, USA(Remote)

Sept 2024 – Dec 2024

- Analyzed and optimized Python-generated AI solutions for mathematical problems, achieving a 20% improvement in accuracy.
- Provided algorithmic optimizations and delivered corrective feedback to improve precision and performance.
- Skills Used: **Python**, **Code Review**, **Problem-Solving**, **Mathematical Analysis**.

## Projects

**OrganizeIt: Streamlining File Management for Enhanced Productivity**

[View Project](#) | [GitHub](#)

- Automated file organization, a desktop application that serves **1000+ users**, increases productivity by 40% and achieves a satisfaction rate of 90% based on user feedback. Deployed an installer built with **Inno Setup** to ensure a seamless user experience.
- Highlighted expertise in desktop application development, **real-life problem solving**, and creating user-centric software solutions.

**BlogBook - Your ideas on the cloud**

[View Project](#) | [GitHub](#)

- Designed and implemented a robust backend API to handle efficient CRUD operations leveraging Node.js and Express.js.
- Deployed and managed the application on a cloud platform using MongoDB Atlas for scalable and secure database management.
- Technologies used - **ReactJs**, **NodeJs**, **ExpressJs**, **Render**, **MongoDB**, **GitHub**

**Open Shortest Path First Protocol Visualizer**

[View Project](#) | [GitHub](#)

- Designed and implemented a **Reactjs**-based web application to simulate and visualize the Open Shortest Path First (OSPF) protocol, emphasizing real-world applications in network routing.
- Integrated and optimized **Dijkstra's algorithm** for efficient shortest path calculation and cost optimization.

## Achievements

- Achieved a 1600+ rating on LeetCode showcasing consistent improvement and mastery in competitive programming.
- Actively participated in over 30+ contests on various platforms, demonstrating the ability to solve problems under time constraints.
- Solved 500+ problems on Leetcode, Codeforces and GeeksForGeeks demonstrating problem solving skills.
- Ranked in the top 0.47% among students from Pune University on GeeksforGeeks, reflecting commitment to academic excellence.

## Coding Profiles

- **LeetCode** - [sujit\\_avchar](#) [Link](#) – Rated 1602 (max) in Weekly and biweekly contests.
- **Codeforces** - [sujitAvchar](#) [Link](#) – Rated 848 (max) in Rated contests.
- **CodeChef** - [sujitavchar](#) [Link](#) – Rated 1206 (max)

## Certifications

- **C++** - Indian Institute of Technology, Bombay [Link](#)
- **Java** - Indian Institute of Technology, Bombay [Link](#)
- **Python** - Indian Institute of Technology, Bombay [Link](#)
- **AWS Cloud Practitioner Essentials** – AWS([Link](#))