

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, GraphQL
- **Platforms:** Linux, Windows, Visual Studio Code, GitHub, Google Cloud Platform (GCP), Postman

Experience

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

Jan 2025 – April 2025

- Automated marketing and customer review emails using n8n workflows, reducing manual effort by 75%.
- Developed a dynamic form generation system using n8n, Google Forms API, Google Apps Script, and FastAPI, improving the efficiency of creator onboarding by 60%.
- Designed and implemented database schemas for an event hosting platform, enabling seamless voting and jury-based evaluations for various events.
- Integrated AI-powered chatbots with Instagram and WhatsApp, handling customer queries and improving query resolution by 80%.
- **Skills Used:** n8n, JavaScript, Python, FastAPI, Automation, Gen AI.

Mathematical AI Trainer , Outlier – Pune, Maharashtra

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

- Developed a robust back end 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: **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.

Competitive Programming & 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 \(1602 max\)](#) | [Codeforces \(848 max\)](#) | [CodeChef \(1206 max\)](#)

Certifications

- **C++** - Indian Institute of Technology, Bombay ([Link](#))
- **Cloud Computing Job Simulation** - Verizon, Forage ([Link](#))
- **Python** - Indian Institute of Technology, Bombay ([Link](#))
- **AWS Cloud Practitioner Essentials** - AWS ([Link](#))
- **Java** - Indian Institute of Technology, Bombay ([Link](#))