

# Yash Bandal

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GitHub | Portfolio | LeetCode | LinkedIn | Codolio

## Education

### JSPM's Rajarshi Shahu College Of Engineering

Information Technology - B.Tech

CGPA: 9.49

Pune, India

Nov 2022 - Present

### SFJV Chinchwad

12th - Higher Secondary

Percentage: 88.50%

Pune, India

Jan 2021 - Mar 2022

## Experience

### Open-Source Contributor - DigitalOcean Hacktoberfest

1 Oct 2024 - 30 Oct 2024

- Successfully completed DigitalOcean Hacktoberfest 2024 by contributing to 2+ repositories.
- Fixed UI/functional bugs and improved reusable components to enhance user experience and optimized frontend performance.

### Undergraduate Researcher – JSPM RSCOE | Karunya University Coimbatore

15 Jan 2025 - 1 May 2025

- Conducted EEG-based study to evaluate the impact of iTBS on working memory in healthy adults
- Applied machine learning techniques to classify cognitive states using EEG and behavioral data
- Achieved 87.3% classification accuracy based on neural features and reaction time metrics

## Skills

<b>Programming Languages:</b>	C, C++ (Proficient), Python, JavaScript, Java (Introductory)
<b>Back End Development:</b>	NodeJS, Express, Flask, Postman
<b>Front End Development:</b>	React, Redux, Tailwind, JQuery, Bootstrap, HTML, CSS
<b>Devops:</b>	Docker, Azure, Git, Github, Netlify
<b>Databases:</b>	SQL, MongoDB

## Projects

### Mealmap – Personalized Workout & Diet Recommendation System

[Repository](#)

- Built a full-stack web app to generate customized workout and diet plans using user inputs like fitness goals, dietary preferences, and health conditions.
  - Integrated Gemini GenAI in Flask backend to dynamically generate and parse personalized recommendations.
- Python, React, Flask, Google GenAI*

### FleetUp — Logistics Route Optimization

[Repository](#)

- Engineered a backend system that optimized fleet routes, reducing travel distance by 30% and fuel costs by 25%
  - Implemented K-Nearest Neighbors (KNN) clustering to categorize nearby delivery locations based on proximity
- Scikit-Learn, Node.js, Express.js, MongoDB*

### MongoConnect CRUD App

[Repository](#)

- Developed a full-stack web app with MongoDB to perform create, read, update, and delete (CRUD) operations on user data
- Implemented RESTful APIs in Node.js to handle HTTP requests and database interactions.

*HTML, CSS, MongoDB, Node.js, Express.js*

## Certifications

- Azure Fundamentals (AZ-900) – June 2025 - Microsoft (Scored 857/1000) [Link](#)
- Google Cloud Computing Foundations - Oct 2024 - NPTEL (Earned Elite -Silver, Top 5%, Scored 84%) [Link](#)
- Software Engineering Job Simulation - July 2024 - JP Morgan Chase & Co (Forage) [Link](#)
- Professionalism & Authoritative Communication - Sep 2024 - Wadhvani Foundations (93%) [Link](#)
- Six Sigma Yellow Belt - March 2024 - ScrumSTUDY (SBOK® Accreditation Body for Scrum and Agile) [Link](#)
- Cloud and Virtualization (Badge) - Dec 2023 - VMWare [Link](#)

## Achievements & Contributions

- Won the GeeksForGeeks Bag by successfully completing the 160 Days DSA Challenge.
- Solved 300+ problems on LeetCode, ranking in the top 25% .
- Maintained a 500+ day streak on Leetcode and GitHub with 325k+ community views on LeetCode.
- Presented research on EEG effects during meditation at the 6th World Conference (WCAIAA), SPU Mandi
- Completed Ninja Slayground 2.0 21-day coding challenge, ranking in the top 10 for 5+ days among 16,000+ candidates.