Yash Bandal

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GitHub/Yash-Bandal | Codolio/dev_yash_ | Linkedin/yash-bandal

Education

JSPM's Rajarshi Shahu College Of Engineering   Pune, India
Information Technology - B.Tech   Nov 2022 - Present
CGPA: 9.49

SFJV Chinchwad   Pune, India
12th - Higher Secondary   Jan 2021 - Mar 2022
Percentage: 88.50%

Experience

Open-Source Contributor - DigitalOcean Hacktoberfest   Sep 2024 - Oct 2024
- Successfully completed DigitalOcean Hacktoberfest by contributing to 4+ repositories.
- Fixed UI and functional bugs, improved reusable components, and optimized frontend performance to enhance user experience.

Undergraduate Researcher – JSPM RSCOE | Karunya University Coimbatore   Jan 2025 - 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.

Aditya Construction - Freelancer | Web Developer | Website   Aug 2025 - Oct 2025
- Developed a full-stack business web application for Aditya Construction.
- Followed the full Software Development Life Cycle (SDLC), utilizing technologies like React, CD and Nginx.

Skills

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

Projects

Mealmap – Personalized Workout & Diet Recommendation System | Repository | Website
- 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

Wellness Weave - Disease Prediction System | Repository | Website
- Developed a machine learning application to predict 40+ diseases based on 130+ input symptoms and provide personalized medicine recommendations, Description, Diet and Workout.
  Flask, Javascript, Sci-kit Learn

MongoConnect CRUD App | Repository | Preview
- 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.
  ejs, 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
- Cloud and Virtualization (Badge) - Dec 2023 - VMWare Link
- Professionalism & Authoritative Communication - Sep 2024 - Wadhwani Foundations (93%) Link
- Software Engineering Job Simulation - July 2024 - JP Morgan Chase & Co (Forage) Link
- Six Sigma Yellow Belt - March 2024 - ScrumSTUDY (SBOK® Accreditation Body for Scrum and Agile) 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 695+ day streak on Leetcode and GitHub with 365k+ 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.